Appendix C

Technical Reports for the Biological Resources Chapter



Biological Resources Assessment

College Park

Rocklin, Placer County, California

August 2021

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1.0 INTRODUCTION

This report presents the results of a Biological Resources Assessment (BRA) conducted for the College Park properties (Study Areas). There are two properties that comprise the Study Areas: The approximately 36-acre Western Study Area is located south of Rocklin Road, east and north of El Don Road, and west of Havenhurst Circle in Rocklin, Placer County, California. The Western Study Area is located in a portion of Section 20, Township 12 North, Range 7 East (MDB&M) of the "Rocklin, California" 7.5-Minute Series USGS Topographic Quadrangle (USGS 2015) (**Figure 1**). The approximately 74-acre Eastern Study Area is located north of Rocklin Road and east of Sierra College Boulevard in Rocklin, Placer County, California). The Eastern Study Area is located in a portion of Section 21, Township 12 North, Range 7 East (MDB&M) of the "Rocklin, California" 7.5-Minute Series USGS Topographic Quadrangle (USGS 2015) (**Figure 1**).

1.1 Project Description

The College Park Project (Project) is a planned development featuring parks, open space and trails surrounded by residential and mixed use (retail, office, medical, institutional, residential uses) villages. The Project area is comprised of two sites – the North Village on the northeast corner of Rocklin Road and Sierra College Boulevard and the South Village on the southeast corner of Rocklin Road and El Don Drive.

In both villages, opportunities are available to design small residential enclaves adjacent to park and open space amenities. In the North Village, deeper lots would be included on the east side of the site as a transition to adjacent rural residential uses east of the site. Densities will be higher on the west side of the North Village, adjacent to Sierra College Boulevard, as well as toward the middle of the Project area and along Rocklin Road. In the South Village, residential densities will be compatible with existing residential development to the south.

For the purposes of this document, the "North Village" is referred to as the "Eastern Study Area", and the "South Village" is referred to as the "Western Study Area".

2.0 REGULATORY SETTING

This section describes federal, state and local laws and policies that are relevant to this assessment of biological resources.

2.1 Federal Regulations

2.1.1 Federal Endangered Species Act

The Federal Endangered Species Act (FESA) of 1973 protects species that are federally listed as endangered or threatened with extinction. FESA prohibits the unauthorized "take" of listed wildlife species. Take includes harassing, harming, pursuing, hunting, shooting, wounding, killing, trapping, capturing, or collecting wildlife species or any attempt to engage in such activities. Harm includes significant

modifications or degradations of habitats that may cause death or injury to protected species by impairing their behavioral patterns. Harassment includes disruption of normal behavior patterns that may result in injury to or mortality of protected species. Civil or criminal penalties can be levied against persons convicted of unauthorized "take." In addition, FESA prohibits malicious damage or destruction of listed plant species on federal lands or in association with federal actions, and the removal, cutting, digging up, damage, or destruction of listed plant species in violation of state law. FESA does not afford any protections to federally listed plant species that are not also included on a state endangered species list on private lands with no associated federal action.

2.1.2 Clean Water Act, Section 404

Section 404 of the Federal Clean Water Act requires that a Department of the Army permit be issued prior to the discharge of any dredged or fill material into Waters of the United States, including wetlands. The U.S. Army Corps of Engineers (USACE) administers this program, with oversight from the U.S. Environmental Protection Agency. The definition of Waters of the United States has changed several times in recent years. The current definition of Waters of the United States (Waters) is based on the 2020 Navigable Waters Protection Rule (NWPR), and includes the territorial seas, and waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including waters which are subject to the ebb and flow of the tide; perennial and intermittent tributaries to the above; lakes, ponds, and impoundments that contribute surface flow to the above in a typical year; and wetlands "adjacent" to the above. The NWPR expressly excludes certain categories of aquatic resources from USACE jurisdiction, including ephemeral drainages and a variety of different types of aquatic resources constructed in uplands. In addition, wetlands with no surface water connection to otherwise jurisdictional waters in a typical year are not USACE jurisdictional.

2.1.3 Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) prohibits the take, possession, import, export, transport, selling, purchase, barter, or offering for sale, purchase or barter, any native migratory bird, their eggs, parts, and nests, except as authorized under a valid permit (50 CFR 21.11.). Likewise, Section 3513 of the California Fish & Game Code prohibits the "take or possession" of any migratory non-game bird identified under the MBTA. Therefore, activities that may result in the injury or mortality of native migratory birds, including eggs and nestlings, would be prohibited under the MBTA.

2.2 State Regulations

2.2.1 California Environmental Quality Act

The California Environmental Quality Act (CEQA) requires evaluations of project effects on biological resources. Determining the significance of those effects is guided by Appendix G of the CEQA guidelines. These evaluations must consider direct effects on a biological resource within the project site itself, indirect effects on adjacent resources, and cumulative effects within a larger area or region. Effects can be locally

important but not significant according to CEQA if they would not substantially affect the regional population of the biological resource. Significant adverse impacts on biological resources would include the following:

- Substantial adverse effects on any species identified as candidate, sensitive, or special-status in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife (CDFW) or the U.S. Fish and Wildlife Service (USFWS) (these effects could be either direct or via habitat modification);
- Substantial adverse impacts to species designated by the California Department of Fish and Game (2009) as Species of Special Concern;
- Substantial adverse effects on riparian habitat or other sensitive habitat identified in local or regional plans, policies, or regulations or by CDFW and USFWS;
- Substantial adverse effects on federally protected wetlands defined under Section 404 of the Clean Water Act (these effects include direct removal, filling, or hydrologic interruption of marshes, vernal pools, coastal wetlands, or other wetland types);
- Substantial interference with movements of native resident or migratory fish or wildlife species population, or with use of native wildlife nursery sites;
- Conflicts with local policies or ordinances protecting biological resources (e.g. tree preservation policies); and
- Conflict with provisions of an adopted Habitat Conservation Plan (HCP), Natural Community Conservation Plan (NCCP), or other approved local, regional, or state habitat conservation plan.

2.2.2 State Endangered Species Act

With limited exceptions, the California Endangered Species Act (CESA) of 1984 protects state-designated endangered and threatened species in a way similar to FESA. For projects on private property (i.e. that for which a state agency is not a lead agency), CESA enables CDFW to authorize take of a listed species that is incidental to carrying out an otherwise lawful project that has been approved under CEQA (Fish & Game Code Section 2081).

2.2.3 Native Plant Protection Act

The Native Plant Protection Act (NPPA) was enacted in 1977 and allows the Fish and Game Commission to designate plants as rare or endangered. There are 64 species, subspecies, and varieties of plants that are protected as rare under the NPPA. The NPPA prohibits take of endangered or rare native plants, but includes some exceptions for agricultural and nursery operations; emergencies; and after properly notifying CDFW for vegetation removal from canals, roads, and other sites, changes in land use, and in certain other situations.

2.2.4 Clean Water Act, Section 401

Section 401 of the Clean Water Act requires any applicant for a 404 permit in support of activities that may result in any discharge into waters of the United States to obtain a water quality certification with the

Regional Water Quality Control Board (RWQCB). This program is meant to protect these waters and wetlands by ensuring that waste discharged into them meets state water quality standards. Because the water quality certification program is triggered by the need for a Section 404 permit (and both programs are a part of the Clean Water Act), the definition of waters of the United States under Section 401 is the same as that used by the USACE under Section 404.

2.2.5 California Water Code, Porter-Cologne Act

The Porter Cologne Act, from Division 7 of the California Water Code, requires any person discharging waste or proposing to discharge waste that could affect the quality of waters of the state to file a report of waste discharge (RWD) with the RWQCB. The RWQCB can waive the filing of a report, but once a report is filed, the RWQCB must either waive or adopt water discharge requirements (WDRs). "Waters of the state" are defined as any surface water or groundwater, including saline waters, within the boundaries of the state.

It should be noted that some of the aquatic resources within the Study Areas are not USACE jurisdictional under the current definition of Waters of the U.S. However, nearly all of the aquatic resources are considered Waters of the State and are subject to regulation by the State through the California Water Code Porter-Cologne Act. Roadside ditches are often excluded from Waters of the State, and are thus not subject to either USACE or RWQCB jurisdiction.

2.2.6 California Fish and Game Code, Section 1600 – Streambed and Lake Alteration

The CDFW is responsible for conserving, protecting, and managing California's fish, wildlife, and native plant resources. To meet this responsibility, the Fish and Game Code, Section 1602, requires notification to CDFW of any proposed activity that may substantially modify a river, stream, or lake. Notification is required by any person, business, state or local government agency, or public utility that proposes an activity that will:

- substantially divert or obstruct the natural flow of any river, stream or lake;
- substantially change or use any material from the bed, channel, or bank of any river, stream, or lake; or
- deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake.

For the purposes of Section 1602, rivers, streams and lakes must flow at least intermittently through a bed or channel. If notification is required and CDFW believes the proposed activity is likely to result in adverse harm to the natural environment, it will require that the parties enter into a Lake or Streambed Alteration Agreement (LSAA).

2.2.7 California Fish and Game Code, Section 3503.5 - Raptor Nests

Section 3503.5 of the Fish and Game Code makes it unlawful to take, possess, or destroy hawks or owls, unless permitted to do so, or to destroy the nest or eggs of any hawk or owl.

2.3 Local Regulations

2.3.1 City of Rocklin Tree Ordinance

The City of Rocklin (City) Oak Tree Preservation Ordinance (Chapter 17.77 of the City of Rocklin Code) (Tree Ordinance) regulates the removal and preservation of oak trees within the City. "Trees" under the Tree Ordinance includes all oak trees native to the Rocklin area with at least one trunk with a diameter at breast height (DBH) of six inches or more. The Tree Ordinance requires a permit for any activity that results in the physical removal of a Tree from the ground or the willful injury, trimming, disfiguring or other harmful action which leads directly to physical removal or creates such a condition that makes disease likely or results in a significant risk of injury to persons or property. The *City of Rocklin Oak Tree Preservation Guidelines* (dated April 2006) provides additional detail regarding mitigation requirements.

2.3.2 City of Rocklin Riparian Policy

Action Step OCRA-11 of the *City of Rocklin Draft General Plan* requires that an open space easement be recorded over all areas within 50 feet of the edge of the bank of all perennial and intermittent streams and creeks providing natural drainage. In addition, where riparian habitat extends further than 50 feet from the edge of bank, the easement must be extended to include that area as well. The City may designate an easement greater than 50 feet for perennial streams when it is determined such a buffer is necessary to adequately protect drainage and habitat areas. Features that may be considered acceptable within the 50-foot setback, buffer area and/or open space easements include, but are not limited to, bridges, trails, drainage facilities, utilities, and fencing intended to delineate or protect a specific resource. Installation and maintenance of those features shall minimize impacts to resources to the extent feasible. The above setbacks and buffers apply to residential and non-residential development unless the landowner can demonstrate that literal application of this Action Plan item would preclude all economically viable use of the land under existing zoning.

3.0 METHODOLOGY

3.1 Literature Review

A list of special-status species with potential to occur within the Study Area was developed by conducting a query of the following databases:

- California Natural Diversity Database (CNDDB) (CNDDB 2021) query of the Study Areas and all areas within 5 miles of the Study Areas (**Figures 2 and 3**);
- USFWS Information for Planning and Conservation (IPaC) (USFWS 2021) query for the Study Area (**Attachment A**);

- California Native Plant Society (CNPS) Rare and Endangered Plant Inventory (CNPS 2021) query[1] of the "Rocklin, California" USGS topo quadrangle, and the eight surrounding quadrangles (**Attachment B**); and
- Western Bat Working Group (WBWG) Species Matrix (WBWG 2021).

In addition, any special-status species that are known to occur in the region, but that were not identified in any of the above database searches were also analyzed for their potential to occur within the Project area.

The following documents were reviewed and the results incorporated into this document (digital copies of each of these documents are available upon request):

- *Aquatic Resources Delineation Report Sierra College – Rocklin Road* (Madrone 2017a) and *Aquatic Resources Delineation Report Sierra Villages Site C* (Madrone 2017b) (collectively, these covered all of the Western Study Area);
- *Preliminary Jurisdictional Determination for Sierra Villages Rocklin Road*, dated April 13, 2017 (USACE 2017a) and *Preliminary Jurisdictional Determination for Sierra Villages Site C*, dated April 18, 2017 (USACE 2017b) (collectively, these covered all of the Western Study Area);
- *Memorandum regarding Final Riparian Zone on the Sierra Villages Site C and Sierra College Rocklin Road Properties* (Madrone 2017c) (Western Study Area);
- *Special-Status Plant Survey Report Sierra College – Rocklin Road* (Madrone 2017d) and *Special-Status Plant Survey Report Sierra Villages Site C* (Madrone 2017e) (collectively, these covered all of the Western Study Area);
- *Valley Elderberry Longhorn Beetle Habitat Survey Report Sierra College – Rocklin Road* (Madrone 2017f) and *Valley Elderberry Longhorn Beetle Habitat Survey Report Sierra Villages Site C* (Madrone 2017g) (collectively, these covered all of the Western Study Area);
- *Aquatic Resources Delineation Report Sierra Villages Site A and B* (Madrone 2017h) and subsequent associated correspondence (Eastern Study Area);
- *Preliminary Jurisdictional Determination and Approved Jurisdictional Determination for Sierra Villages Site A and B*, dated May 1, 2018 (USACE 2018) (Eastern Study Area);
- *Nesting Bird Survey and Monitoring Report for the Sierra College 72 Property, Placer County, CA* (Madrone 2019) (Eastern Study Area);
- *Special-Status Plant Survey Report Sierra Villages Sites A and B* (Madrone 2017i) (Eastern Study Area);
- *Valley Elderberry Longhorn Beetle Habitat Survey Report Sierra Villages Sites A and B* (Madrone 2017j) (Eastern Study Area); and
- *2019-20 Dry-Season & Wet-Season Branchiopod Survey 90-Day Report, College Park, Site A (2020-TA-0438)* (Madrone 2021a) and *2019-20 Dry-Season & Wet-Season Branchiopod Survey 90-Day Report, College Park, Site B (2020-TA-0438)* (Madrone 2021b) (collectively, these covered all of the Eastern Study Area).

[1] Note that the CNPS Inventory website has not been updated since May 2019; this query also involved a review of the excel spreadsheet that contains changes to the CNPS Inventory since that date for any changes that could be relevant to the Study Areas.

In addition, the protocol level rare plant survey and elderberry surveys were repeated in 2020 (survey dates provided in Section 3.2).

For the purposes of this Biological Resources Assessment, special-status species is defined as those species that are:

- listed as threatened or endangered, or proposed or candidates for listing by the USFWS or National Marine Fisheries Service;
- listed as threatened or endangered and candidates for listing by CDFW;
- identified as Fully Protected species or species of special concern by CDFW;
- identified as Medium or High priority species by the WBWG (WBWG 2021); and
- plant species considered to be rare, threatened, or endangered in California by the CNPS and CDFW [California Rare Plant Rank (CRPR) 1, 2, and 3]:
  - CRPR 1A: Plants presumed extinct.
  - CRPR 1B: Plants rare, threatened, or endangered in California and elsewhere.
  - CRPR 2A: Plants extirpated in California, but common elsewhere.
  - CRPR 2B: Plants rare, threatened, or endangered in California, but more common elsewhere.
  - CRPR 3: Plants about which the CNPS needs more information – a review list.

3.2 Field Surveys

Madrone Ecological Consulting, LLC (Madrone) biologists Daria Snider, Bonnie Peterson, Dustin Brown, and Sarah VonderOhe conducted field surveys of various portions of the Study Areas concurrent with the surveys listed in Section 3.1. These surveys occurred on 28 April, 18, 25, and 26 May, and 2 June 2016; 22 February, 31 October, and 6 December 2017; 1 and 2 May, 11 and 12 June, and 26 November, 11 and 24 December 2019; and 8 and 22 January, 5 and 19 February, and 4 and 18 March, and 14 October 2020. During those surveys, the suitability of habitats on-site to support special-status species was assessed. Meandering pedestrian surveys were performed on foot throughout the Study Areas. Vegetation communities were classified in accordance with *The Manual of California Vegetation, Second Edition* (Sawyer, Keeler-Wolf and Evens 2009), and plant taxonomy was based on the nomenclature in the *Jepson eFlora* (Jepson Flora Project 2020). A list of all wildlife species observed during the field surveys is included as **Attachment C**.

4.0 EXISTING CONDITIONS

4.1 Western Study Area

The Western Study Area is occupied by a matrix of non-native annual grassland, oak woodlands, and riparian wetlands at elevations of roughly 295 to 320 feet above Mean Seal Level (MSL) (**Figure 4**). A perennial creek runs from east to west through the Western Study Area and is bordered on both sides by a broad riparian wetland that occupies the creek's floodplain. The riparian wetland is constrained by two berms that appear to contain and provide access to sewer pipelines, and that support a riparian woodland. A smaller perennial drainage flows north from the center of the southern boundary to the perennial creek through a riparian woodland that is flanked by an oak woodland. Another similar perennial drainage flows north to the

perennial creek through a riparian woodland from the southeastern corner. A broad riparian wetland flows into the perennial creek from the north. Two large seasonal wetlands occur in the Western Study Area; one in a historic constructed basin along the west side of the Western Study Area, and one in a very shallow natural basin on the east side of the Western Study Area. The area between the eastern seasonal wetland and the creek is elevated and supports a stand of oak savannah and oak woodland. The northwestern corner of the Western Study Area is barren and is used as an overflow parking lot for Sierra College. The area between the constructed basin and El Don Drive is a developed community park called Monte Verde Park. In the southwestern portion of the Western Study Area is a large seep. The majority of the areas outside of those detailed above are occupied by annual brome grassland.

4.2 Eastern Study Area

The Eastern Study Area is occupied primarily by annual brome grassland on gently rolling terrain at elevations of 320 to 380 feet above MSL (**Figure 5**). The grassland portion of the site was historically an orchard. A small rural residential parcel occurs in the approximate center of the western edge of this Study Area. An oak woodland and oak savannah occupies the northern portion, which was historically mined. The oaks were also harvested multiple times historically, presumably for firewood. As a result of the historic mining, the terrain in this area is uneven, with small pits and mounds scattered throughout. Two drainages and associated wetlands run from south to north through this area; however, they are discontinuous, potentially as a result of the historic mining activity. Several seeps and depressional seasonal wetlands occur within the non-native annual grassland as well. Surrounding properties to the north and east are large, rural residential properties with similar vegetation (oak woodland to the north and annual grassland to the east). Sierra College is just to the west, and an apartment complex is present just south of the Eastern Study Area.

4.3 Terrestrial Plant Communities

4.3.1 Annual Brome Grassland

Annual brome grassland occurs within both Study Areas. This vegetation community is dominated by soft brome (*Bromus hordeaceus*), ripgut brome (*B. diandrus*), yellow star-thistle (*Centaurea solstitialis*), elegant clarkia (*Clarkia unguiculata*), winter vetch (*Vicia villosa*), and smooth cat's ear (*Hypochaeris glabra*). Other species commonly occurring in this community include filaree (*Erodium botrys*), hairy hawkbit (*Leontodon saxatilis*), wild oat (*Avena fatua*), perennial ryegrass (*Festuca perennis*), wall bedstraw (*Galium parisiense*), and rose clover (*Trifolium hirtum*). A few trees are scattered within this community as well.

4.3.2 Oak Woodland and Oak Savannah

Oak woodland or savannah comprises significant portions of the Study Area. These oak woodlands are dominated by interior live oak (*Quercus wislizenii*), blue oak (*Q. douglasii*), and Valley oak (*Q. lobata*). A number of shrubs and other perennials occur in the understory, including poison-oak (*Toxicodendron diversilobum*), hoary coffeeberry (*Frangula californica* ssp. *tomentella*), blue elderberry (*Sambucus nigra* ssp.

caerulea), chaparral honeysuckle (*Lonicera interrupta*), morning-glory (*Calystegia occidentalis*), Himalayan blackberry (*Rubus armeniacus*), and periwinkle (*Vinca major*). The oak woodlands typically have a relatively closed canopy which results in little to no herbaceous vegetation in the understory.

Oak savannahs were mapped where the oak canopy was estimated to be between 10% and 50%. The oak savannahs have very few shrubs in the understory, but as a result of the more open canopy, the herbaceous understory is well developed, and largely similar to the annual brome grassland described above.

4.3.3 Riparian Woodland

The City of Rocklin's Riparian Zone Policy requires that an applicant identify the extent of their "Riparian Zone". This exercise was completed for the Western Study Area in 2017, during the Project design phase, and in consultation with City staff. Below is an explanation of how the Riparian Zone was determined and what it is comprised of (from the memorandum prepared to that effect) (Madrone 2017c). We have depicted the portions of the Riparian Zone that are outside of the creek boundaries and the riparian wetlands as Riparian Woodlands on **Figure 4**. The majority of these areas are indeed Riparian Woodlands, and the remainder have been included in this category for clarity and simplicity.

> "The riparian zone is generally considered to be the area adjacent to a drainage that is hydrologically influenced by the water flowing through that drainage. The most common way to approximate this hydrologic influence is the extent of hydrophytic (water-loving) vegetation growing in what would otherwise be an upland area.
>
> Accordingly, during the field surveys, Madrone mapped the extent of perennial hydrophytic vegetation along the drainages within the Study Area. In some areas, the extent of the riparian zone correlated with the edge of the mapped riparian wetlands. Areas where the riparian zone exceeds the extent of the riparian wetlands are areas in which the riparian hydrologic influence does not occur within the top 12 inches of the soil (and thus, wetland hydrology and hydric soil indicators are lacking). These areas often support riparian trees and shrubs (which have deep root systems), but may not support more shallowly-rooted herbaceous hydrophytes. In most cases where the riparian zone exceeded the extent of the riparian wetlands, the edge was the outer extent of the willows (*Salix* species), Fremont cottonwood (*Populus fremontii*), and Valley oak (*Quercus lobata*) trees along the drainages, but in some areas where adjacent woody vegetation was lacking, deeper-rooted herbaceous perennials such as curly dock (*Rumex crispus*) were used as an indicator of the extent of the riparian zone. Some areas were challenging, especially along the northern edge of the perennial drainage, where isolated large willow trees were interspersed with upland blue oak (*Quercus douglasii*) and interior live oak (*Quercus wislizenii*) trees. We assumed that at some time in the past, additional hydrology allowed the willows to establish, but that the current condition may be drier, and as a result, now supports the upland oak trees. Therefore, in this area, we mapped the extent of the riparian zone at the

edge of where willows and cottonwood trees were dominant as opposed to scattered. This also corresponded to the extent of herbaceous hydrophytic vegetation.

The riparian boundaries that Madrone generated for the Study Area were provided to the City of Rocklin (City) for review, and project principal and biologist Sarah VonderOhe conducted a site visit with City staff on 6 December 2017 to review the boundary in the field. City staff generally accepted Madrone's mapping, with the exception of the two locations mentioned above to the north of the perennial drainage where hydrophytic trees and shrubs are scattered within a matrix of more upland trees. City staff requested that these areas of scattered hydrophytes be included in the riparian zone."

4.3.4 Ruderal

Two narrow strips of vegetation within the Western Study Area have been mapped as ruderal. These areas are dominated by non-native forbs, including Italian thistle (*Cardus pycnocephalus*), bull thistle (*Cirsium vulgare*), black mustard (*Brassica nigra*), wild radish (*Raphanus sativus*), and yellow star-thistle. Non-native grasses typical of the annual brome grassland community are also scattered within this community.

4.3.5 Park

The irrigated landscaping, playground, lawns, and associated infrastructure within Monte Verde Park have been mapped as Park. A narrow strip of land on the adjacent church property along the north edge of the Western Study Area boundary has also been mapped as Park.

4.3.6 Developed

Paved and gravel roadways and the maintained dirt parking lot in the Western Study Area have been mapped as Developed, as has a residence area in the Eastern Study Area. This area is comprised of a residence, a number of associated outbuildings, paved courtyards and driveways, a pool, and primarily irrigated landscaping. The majority of the landscaping trees and shrubs are non-native, although a number of native interior live oaks (*Quercus wislizenii*) are present. Some of the trees are quite large including several Italian stone pines (*Pinus pinea*) and mulberries (*Morus alba*).

4.4 Aquatic Resources

The aquatic resources mapping provided in **Figures 6 and 7** have been verified by the USACE under Preliminary and Approved Jurisdictional Determinations. Two Preliminary Jurisdictional Determinations were issued by the USACE on 13 and 18 April 2017 for two areas that combined comprise the Western Study Area, and a Preliminary Jurisdictional Determination and an Approved Jurisdictional Determination were issued on 1 May 2018 for two areas that combined comprise the Eastern Study Area. Since then, the NWPR has been enacted. It appears that all of the aquatic resources in the Western Study Area would remain jurisdictional under the NWPR. It appears that all of the aquatic resources in the Eastern Study Area

are no longer subject to USACE jurisdiction. Any changes to USACE jurisdiction would require verification by the USACE; jurisdictional changes do not affect the extent of mapped aquatic resources. A total of 9.065 acres of aquatic resources were mapped and verified within the Study Areas (**Table 1**). A description of each of the aquatic resources types is included below.

Table 1. Aquatic Resources Mapped within the Study Areas

Resource Type	Western Study Area Acreage	Eastern Study Area Acreage	Total Acreage
Wetlands			
Seasonal Wetland	2.595	0.107	2.702
Seasonal Wetland Swale	0.133	0.341	0.474
Seep	0.105	0.119	0.224
Riparian Wetland	5.075	0.082	5.157
Other Waters			
Perennial Creek	0.405	--	0.405
Ephemeral Drainage	--	0.077	0.077
Ditch	0.020	0.006	0.026
Total	**8.333**	**0.732**	**9.065**

4.4.1 Seasonal Wetlands

Seasonal wetlands are depressional wetlands that pond water seasonally. The western seasonal wetland in the Western Study Area is located in what appears to be a historic constructed detention basin, while the eastern seasonal wetland in the Western Study Area is in a more natural, broad shallow basin. Wetland plant species commonly observed in these seasonal wetlands include perennial ryegrass, Baltic rush (*Juncus balticus*), brown-headed rush (*J. phaeocephalus*), clustered dock (*Rumex conglomeratus*), fiddle dock (*R. pulcher*), curly dock (*R. crispus*), Bermuda grass (*Cynodon dactylon*), Mediterranean barley (*Hordeum marinum*), little quaking grass (*Briza minor*), goose grass (*Galium aparine*), least spikerush (*Eleocharis acicularis*), soft chess, brome fescue (*Festuca bromoides*), reed fescue (*F. arundinacea*), clustered sedge (*Carex praegracilis*), fringed willow-herb (*Epilobium ciliatum*), and cut-leaf geranium (*Geranium dissectum*).

Within the Eastern Study Area, the seasonal wetlands range from relatively shallow features that are occupied by a mix of wetland and upland species to deeper features with long-duration inundation that are occupied almost exclusively by wetland plant species. Wetland plant species commonly observed in seasonal wetlands within the Eastern Study Area include perennial ryegrass, toad rush (*Juncus bufonius*), hyssop loosestrife (*Lythrum hyssopifolium*), Mediterranean barley, small quaking grass, creeping spikerush (*Eleocharis macrostachya*), Carter's buttercup (*Ranunculus bonariensis*), maritime rabbit's-foot grass (*Polypogon maritimus*), and clustered dock (*Rumex conglomeratus*).

4.4.2 Seasonal Wetland Swale

One seasonal wetland swale was delineated within the Western Study Area. Seasonal wetland swales are sloping, linear seasonal wetlands that convey water, and may detain it for short periods of time. The seasonal wetland swale within the Western Study Area is almost entirely occupied by perennial ryegrass.

Five seasonal wetland swales occur within the Eastern Study Area. Dominant plant species within these seasonal wetland swales include perennial ryegrass, annual rabbit's foot grass (*Polypogon monspeliensis*), velvet grass (*Holcus lanatus*), and clustered dock. Other species commonly observed in these features within the Study Area include goldenrod (*Euthamia occidentalis*), tall nut sedge (*Cyperus eragrostis*), cattail (*Typha* species), Italian thistle (*Carduus pycnocephalus*), and Himalayan blackberry (*Rubus armeniacus*).

4.4.3 Seep

One seep was delineated within the Western Study Area. Seeps are wetlands that occur on slopes and receive hydrology almost exclusively from groundwater. The seep in the southwestern portion of the Western Study Area is surrounded by an impenetrable Himalayan blackberry patch. A data point taken some distance into the blackberry patch revealed that much of the area supporting blackberry in this location is not a wetland, but due to the impenetrable nature of the thicket, the boundaries of this seep were delineated approximately 10 feet inside the edge of the blackberry. Other plant species observed in the seep within the Study Area include arroyo willow (*Salix lasiolepis*), black willow (*S. gooddingii*), coyote brush (*Baccharis pilularis*), velvet grass (*Holcus lanatus*), creeping spikerush, clustered dock, ripgut brome, soft chess, and rattail fescue (*Festuca myuros*).

Two seeps occur within the Eastern Study Area. Dominant plant species in the seeps within the Eastern Study Area include soft rush (*Juncus effusus*), narrow-leaved cattail (*Typha angustifolia*), mugwort (*Artemisia douglasiana*), Himalayan blackberry, goldenrod, and velvet grass. Other species commonly observed in this community include marsh cudweed (*Pseudognaphalium luteo-album*), tall nutsedge, and ciliate willow-herb (*Epilobium ciliatum*).

4.4.4 Riparian Wetlands

Six riparian wetlands were delineated within the Western Study Area. Three of the riparian wetlands occur in the floodplain of the main perennial creek running through the Western Study Area, two occur in the floodplain of the small perennial creek in the southern portion of the Western Study Area, and the last is a broad wetland that extends from the main creek up to the northern boundary of the Western Study Area. It appears that an intermittent drainage flows through this large riparian wetland as well; however, there are numerous disconnected channels that run through this feature, and a current, consistent flow path could not be identified. The five riparian wetlands bordering the perennial creeks are largely comprised of annual and perennial herbaceous vegetation, while the large northern riparian wetland also supports a prominent tree and shrub layer. Dominant herbaceous species in the riparian wetlands include cattail, bulrush (*Schoenoplectus acutus*), spotted lady's thumb (*Persicaria punctata*), least spikerush, tall nutsedge, clustered dock, spearmint (*Mentha spicata*), Baltic rush, soft rush, goldenrod, and velvet grass. Dominant tree and shrub species in the riparian wetlands include Himalayan blackberry, arroyo willow, black willow, red willow (*Salix laevigata*), Fremont's cottonwood (*Populus fremontii*), and black ash (*Fraxinus nigra*).

One riparian wetland occurs within the northern portion of the Eastern Study Area. This feature is a depressional wetland that is dominated by woody riparian species. Dominant tree and shrub species in the riparian wetland in the Eastern Study Area include red willow, arroyo willow, Fremont's cottonwood, and Himalayan blackberry. Dominant herbaceous species in this feature include velvet grass and least spikerush.

4.4.5 Perennial Creeks

Three perennial creeks were delineated within the Western Study Area. The main perennial creek flows from east to west across the Western Study Area and is a tributary to Secret Ravine. This feature ranges from 10 to 20 feet wide through the Western Study Area. The second perennial creek is much narrower (approximately 5 feet wide) and is a tributary of the main creek. The flow in the second creek drops very low in the summertime when it apparently conveys only irrigation runoff from the residential development to the south. The third creek is also a tributary of the main creek; the western fork is similarly narrow in the summer and apparently only conveys irrigation runoff at that time. The eastern fork is wider and may also convey some groundwater flows. The perennial creek channels were almost completely unvegetated due to the scouring effects of water but were densely vegetated on their banks with riparian wetland vegetation.

4.4.6 Ephemeral Drainage

Four ephemeral drainages occur in the historic mining area in the northern portion of the Eastern Study Area. The ephemeral drainages are fragmented anc discontinuous, apparently as a result of the historic mining activities. The ephemeral drainages were completely unvegetated within the channel, due to the scouring effects of water. Adjacent vegetation was that typical of the surrounding oak woodland.

4.4.7 Ditches

Two ditches were delineated within the Western Study Area. The largest ditch occurs along the south edge of the western seasonal wetland and may have been built to assist in drainage of the constructed basin. This feature is largely unvegetated, but due to its low gradient, some vegetation has established in portions of this ditch. The second ditch occurs in the northern portion of the Western Study Area and appears to have been constructed to convey flow from a stormwater outfall for an offsite parking lot into the large riparian wetland. This feature has a relatively steep gradient and is entirely unvegetated.

One roadside ditch occurs in the southern portion of the Eastern Study Area. This feature is largely unvegetated, but due to its low gradient, some uplanc and facultative vegetation has established in portions of this ditch.

4.5 Soils

According to the Natural Resources Conservation Service (NRCS) Soil Survey Database (NRCS 2020), three soil mapping units occur within the Study Area (**Figure 8**): (106) Andregg coarse sandy loam, 2 to 9% slopes;

(107) Andregg coarse sandy loam, 9 to 15% slopes; and (194) Xerofluvents, frequently flooded. None of the mapping units are derived from serpentine or gabbroic rock (NRCS 2020).

5.0 RESULTS

Table 2 provides a list of special-status species that were evaluated, including their listing status, habitat associations, and their potential to occur in the Study Area. The following set of criteria was used to determine each species' potential for occurrence on the site:

- Present: Species occurs on the site based on CNDDB records, and/or was observed on the site during field surveys.
- High: The site is within the known range of the species and suitable habitat exists.
- Moderate: The site is within the known range of the species and very limited suitable habitat exists.
- Low: The site is within the known range of the species and there is marginally suitable habitat or the species was not observed during protocol-level surveys conducted on-site.
- Absent/No Habitat Present: The site does not contain suitable habitat for the species, the species was not observed during recent protocol-level floristic surveys conducted on-site, or the site is outside the known range of the species.

Figures 2 and 3 are exhibits displaying CNDDB occurrences within five miles of the Study Area. Below is a discussion of all special-status plant and animal species with potential to occur on the site.

5.1 Plants

5.1.1 Big-Scale Balsamroot

Big-scale balsamroot (*Balsamorhiza macrolepis* var. *macrolepis*) is not federally or state listed, but it is classified as a CRPR List 1B.2 plant. It is a perennial herbaceous species that occurs in chaparral, cismontane woodland and valley and foothill grasslands between 295 and 4,600 feet (CNPS 2021). Big-scale balsamroot blooms from March through June and may be found on serpentine soils, though it is known to grow on other soil types as well (CNPS 2021).

The annual brome grasslands, oak woodland, and oak savannah throughout the Study Areas represent marginally suitable habitat for this species. The closest documented occurrences of big-scale balsamroot are two occurrences in the CNDDB, both approximately five miles from the Study Areas. Occurrence #9 is approximately five miles to the west; this historical sighting (1957) occurred along an uncultivated strip adjacent to the railroad (CNDDB 2021). Occurrence #14 is located approximately five miles to the east, and is an undated historical sighting along the American River that is presumed to have been inundated by Folsom Lake (CNDDB 2021). This species was not observed during the 2016 or 2020 protocol-level special status plant surveys of the site (Madrone 2017d, 2017e, and 2017i).

Table 2. Special-Status Species Potential for Occurrence within the College Park Study Areas

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Plants					
Allium jepsonii Jepson's onion	--	CRPR 1B.2	Prefers cismontane woodland or lower montane coniferous forests associated with serpentine soils or volcanic slopes.	**No Habitat Present.** No serpentine or volcanic soils are present.	**No Habitat Present.** No serpentine or volcanic soils are present.
Balsamorhiza macrolepis Big-scale balsamroot	--	CRPR 1B.2	Prefers chaparral, cismontane woodland, and valley and foothill grasslands. Often associated with serpentine soils.	**Absent.** Marginally suitable habitat is present in the oak savannah, oak woodland, and annual brome grassland. Protocol-level surveys for this species were negative.	**Absent.** Marginally suitable habitat is present in the oak savannah, oak woodland, and annual brome grassland. Protocol-level surveys for this species were negative.
Calystegia stebbinsii Stebbin's morning-glory	FE	CE, CRPR 1B.1	Foothill chaparral and cismontane woodland associated with Gabbro or serpentine soils.	**No Habitat Present.** No Gabbro or serpentine soils are present.	**No Habitat Present.** No Gabbro or serpentine soils are present.
Carex xerophila Chaparral sedge			Chaparral, cismontane woodland, and lower montane coniferous forests associated with Gabbro or serpentine soils.	**No Habitat Present.** No Gabbro or serpentine soils are present.	**No Habitat Present.** No Gabbro or serpentine soils are present.
Ceanothus roderickii Pine Hill ceanothus	FE	CR, CRPR 1B.2	Foothill chaparral and cismontane woodland associated with Gabbro or serpentine soils.	**No Habitat Present.** No Gabbro or serpentine soils are present.	**No Habitat Present.** No Gabbro or serpentine soils are present.
Chlorogalum grandiflorum Red Hills soaproot	--	CRPR 1B.2	Chaparral, cismontane woodland, and lower montane coniferous forests associated with Gabbro or serpentine soils at elevations between 800 feet and 5,500 feet.	**No Habitat Present.** Outside of the elevational range of the species.	**No Habitat Present.** Outside of the elevational range of the species.
Chloropyron molle ssp. *hispidum* Hispid bird's-beak	--	CRPR 1B.1	Prefers seasonally flooded , saline-alkali soils at elevations below 500 feet.	**No Habitat Present.** No alkaline soils are present within the Study Area.	**No Habitat Present.** No alkaline soils are present within the Study Area.

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Crocanthemum suffrutescens Bisbee Peak rush rose	--	CRPR 3.2	Open areas within chaparral. Sometimes found in Gabbro soils.	**No Habitat Present.** No chaparral is present within the Study Area.	**No Habitat Present.** No chaparral is present within the Study Area.
Downingia pusilla Dwarf downingia	--	CRPR 2B.2	Vernal pools and other depressional wetlands	**Absent.** Marginally suitable habitat is present in the seasonal wetlands and seasonal wetland swales. Protocol-level surveys for this species were negative.	**Absent.** Marginally suitable habitat is present in the seasonal wetlands and seasonal wetland swales. Protocol-level surveys for this species were negative.
Fremontodendron decumbens Pine Hill flannelbush	FE	CR, CRPR 1B.2	Foothill chaparral and cismontane woodland associated with rocky Gabbro or serpentine soils.	**No Habitat Present.** No Gabbro or serpentine soils are present.	**No Habitat Present.** No Gabbro or serpentine soils are present.
Fritillaria eastwoodiae Butte County fritillary	--	CRPR 3.2	Foothill chaparral, cismontane woodland, and openings in lower montane coniferous forest. Sometimes found on serpentine soils. Elevations between 160 feet and 4,900 feet.	**No Habitat Present.** Outside of the distributional range of the species.	**No Habitat Present.** Outside of the distributional range of the species.
Galium californicum ssp. sierrae El Dorado bedstraw	FE	CR, CRPR 1B.2	Foothill chaparral and cismontane woodland associated with Gabbro soils.	**No Habitat Present.** No Gabbro soils are present.	**No Habitat Present.** No Gabbro soils are present.
Gratiola heterosepala Bogg's Lake hedge-hyssop	--	CE, CRPR 1B.2	Vernal pools and margins of lakes/ponds	**No Habitat Present.** None of the wetlands within the Western Study Area have an appropriate hydroperiod for this species.	**Absent.** Marginally suitable habitat is present in the seasonal wetlands in the northern portion of the Eastern Study Area. Protocol-level surveys for this species were negative.

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Juncus leiospermus var. *ahartii* Ahart's dwarf rush	--	CRPR 1B.2	Edges of vernal pools and other seasonally ponded features.	**No Habitat Present.** None of the wetlands within the Western Study Area have an appropriate hydroperiod for this species.	**Absent.** Marginally suitable habitat is present in the seasonal wetlands in the northern portion of the Eastern Study Area. Protocol-level surveys for this species were negative.
Juncus leiospermus var. *leiospermus* Red Bluff dwarf rush	--	CRPR 1B.1	Occurs in vernal mesic areas in chaparral, cismontane woodland, meadows and seeps, valley and foothill grassland, and vernal pools between 100' and 4,100' elevation.	**No Habitat Present.** The Study Area is outside of the geographic range of the species.	**No Habitat Present.** The Study Area is outside of the geographic range of the species.
Lathyrus sulphureus var. argillaceus Dubious pea	--	CRPR 3	Cismontane woodlands and coniferous forests between 500 and 3,050 feet.	**No Habitat Present.** Outside of the elevational range of the species.	**No Habitat Present.** Outside of the elevational range of the species.
Legenere limosa Legenere	--	CRPR 1B.1	Vernal pools	**No Habitat Present.** No vernal pools were mapped within the Study Area.	**No Habitat Present.** No vernal pools were mapped within the Study Area.
Navarretia myersii ssp. *myersii* Pincushion navarretia	--	CRPR 1B.1	Vernal pools	**No Habitat Present.** No vernal pools were mapped within the Study Area.	**No Habitat Present.** No vernal pools were mapped within the Study Area.
Orcuttia viscida Sacramento Orcutt grass	FE	CE, CRPR 1B.1	Vernal pools.	**No Habitat Present.** No vernal pools were mapped within the Study Area.	**No Habitat Present.** No vernal pools were mapped within the Study Area.
Packera layneae Layne's ragwort	FT	CR, CRPR 1B.2	Foothill chaparral and cismontane woodland associated with serpentine or Gabbro soils.	**No Habitat Present.** No Gabbro or serpentine soils are present.	**No Habitat Present.** No Gabbro or serpentine soils are present.

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Sagittaria sanfordii Sanford's arrowhead	--	CRPR 1B.2	Emergent marsh habitat, typically associated with drainages, canals, or irrigation ditches.	**Absent.** Suitable habitat for this species is present in and adjacent to the perennial creek. Protocol-level surveys for this species were negative.	**No Habitat Present.** No marshes or similar features are present within the Eastern Study Area.
Viburnum ellipticum Oval-leaved viburnum	--	CRPR 2B.3	Prefers chaparral and cismontane woodlands, and lower cismontane coniferous forests at elevations from 700 feet to 4,600 feet.	**No Habitat Present.** Outside of the elevational range of the species.	**No Habitat Present.** Outside of the elevational range of the species.
Wyethia reticulata El Dorado County mule ears	--	CRPR 1B.2	Foothill chaparral and cismontane woodland associated with Gabbro and clay soils.	**No Habitat Present.** No Gabbro or clay soils are present.	**No Habitat Present.** No Gabbro or clay soils are present.
Invertebrates					
Branchinecta lynchi Vernal pool fairy shrimp	FT	--	Vernal pools.	**No Habitat Present.** None of the wetlands within the Western Study Area have an appropriate hydroperiod for this species.	**Absent.** Extremely marginal habitat for this species is present, but protocol-level surveys are negative.
Desmocerus californicus dimorphus Valley elderberry longhorn beetle	FT	--	Dependent upon elderberry plant as primary host species.	**Absent.** A number of elderberry shrubs are present within this Study Area, but given the lack of any documented VELB beetles within 10 miles of the Study Area, we consider these shrubs unoccupied by the VELB.	**Absent.** A number of elderberry shrubs are present within this Study Area, but given the lack of any documented VELB beetles within 10 miles of the Study Area, we consider these shrubs unoccupied by the VELB.
Lepidurus packardi Vernal pool tadpole shrimp	FE	--	Vernal pools.	**No Habitat Present.** None of the wetlands within the Western Study Area have an appropriate hydroperiod for this species.	**No Habitat Present.** None of the wetlands within the Western Study Area have an appropriate hydroperiod for this species.
Fish					

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Hypomesus transpacificus Delta smelt	FT	CE	Adults are found in the brackish open surface waters of the Delta and Suisun Bay. Though spawning has never been observed, it is believed to occur in tidally influenced sloughs and drainages on the freshwater side of the mixing zone.	**No Habitat Present.** No tidally influenced sloughs or drainages are present within the Study Area.	**No Habitat Present.** No tidally influenced sloughs or drainages are present within the Study Area.
Oncorhynchus mykiss irideus Central Valley steelhead	FE	--	Anadromous species requiring freshwater water courses with gravelly substrates for breeding. The young remain in freshwater areas before migrating to estuarine and marine environments.	**No Habitat Present.** The perennial creek within the Study Area does not provide habitat for this species due to several beaver dams that are barrriers to salmonid migration; also, the substrate within the creek is unsuitable for spawning.	**No Habitat Present.** No perennial or intermittent drainages occur within the Study Area.

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Amphibians					
Rana draytonii California red-legged frog	FT	CSC	Breeds in permanent to semi-permanent aquatic habitats including lakes, ponds, marshes, creeks, and other drainages.	**No Habitat Present.** The Study Area is over 30 miles from the nearest documented occurrence of the species, and is outside of the distributional range of the species.	**No Habitat Present.** The Study Area is over 30 miles from the nearest documented occurrence of the species, and is outside of the distributional range of the species.
Spea hammondii Western spadefoot	--	CSC	Breeds in vernal pools, seasonal wetlands and associated swales. Forages and hibernates in adjacent grasslands.	**No Habitat Present.** The seasonal wetlands do not appear to pond for a sufficient duration to support this species.	**No Habitat Present.** The seasonal wetlands do not appear to pond for a sufficient duration to support this species.
Reptiles					
Actinemys marmorata Western pond turtle	--	CSC	Ponds, rivers, streams, wetlands, and irrigation ditches with associated marsh habitat.	**High.** The perennial creeks represent suitable habitat for this species.	**No Habitat Present.** No aquatic resources with sufficient inundation or marsh habitat occur within the Study Area.
Thamnophis gigas Giant garter snake	FT	CT	Rivers, canals, irrigation ditches, rice fields, and other aquatic habitats with slow moving water and heavy emergent vegetation.	**No Habitat Present.** Outside of the distributional range of the species.	**No Habitat Present.** Outside of the distributional range of the species.
Birds					
Agelaius tricolor Tricolored blackbird	--	CT, CSC	Colonial nester in cattails, bulrush, or blackberries associated with marsh habitats.	**Moderate.** Cattails, tules, and blackberry brambles represent potentially suitable nesting habitat, but patch sizes are small, and nesting colonies of this species have not been documented in the vicinity of the Study Area historically (CNDDB, TCB Portal, eBird 2021).	**Low.** Although blackberry brambles occur in several locations throughout the Study Area, they are not associated with marsh habitat, and therefore represent marginally suitable nesting habitat at best.

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Athene cunicularia Burrowing owl	--	CSC	Nests in abandoned ground squirrel burrows associated with open grassland habitats.	**No Habitat Present.** Outside of distributional range of the species.	**No Habitat Present.** Outside of distributional range of the species.
Buteo swainsoni Swainson's hawk	--	CT	Nests in large trees, preferably in riparian areas. Forages in fields, cropland, irrigated pasture, and grassland near large riparian corridors.	**High.** The trees on-site are suitable nesting habitat, and the annual brome grassland is suitable foraging habitat.	**Present.** The trees on-site are suitable nesting habitat (one active nest has been documented within this Study Area), and the annual brome grassland is suitable foraging habitat.
Circus cyaneus Northern harrier	--	CSC	Nests in emergent wetland/marsh, open grasslands, or savannah habitats. Forages in open areas such as marshes, agricultural fields, and grasslands.	**Low.** The annual brome grassland within the Western Study Area is marginally suitable foraging habitat for this species due to the small patch size.	**High.** The annual brome grassland is suitable nesting and foraging habitat for this species.
Elanus leucurus White-tailed kite	--	CFP	Open grasslands, fields, and meadows are used for foraging. Isolated trees in close proximity to foraging habitat are used for perching and nesting.	**Present.** The trees on-site are suitable nesting habitat, and the annual brome grassland is suitable foraging habitat. This species was observed foraging on-site during field surveys.	**Present.** The trees on-site are suitable nesting habitat, and the annual brome grassland is suitable foraging habitat. This species was observed foraging on-site during field surveys.
Falco peregrinus anatum American peregrine falcon	FD	CFP	Nests on cliff ledges, tall buildings, or other tall man-made structures near open areas for foraging.	**No Habitat Present.** Suitable breeding habitat and foraging habitat are absent.	**No Habitat Present.** Suitable breeding habitat and foraging habitat are absent.
Haliaeetus leucocephalus Bald eagle	FD	CE	Nest in large trees within 1 mile of lakes, rivers, or larger streams.	**No Habitat Present.** Suitable breeding habitat and foraging habitat are absent.	**No Habitat Present.** Suitable breeding habitat and foraging habitat are absent.

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Lanius ludovicianus Loggerhead shrike	--	CSC	Occurs in open areas with sparse trees, shrubs, and other perches.	**High.** The annual brome grassland is suitable habitat for this species.	**High.** The annual brome grassland is suitable habitat for this species.
Laterallus jamaicensis coturniculus California black rail	--	CT, CFP	Nests and forages in salt, brackish, and fresh marshes with abundant vegetative cover.	**Low.** Marginally suitable habitat for this species is present in and adjacent to the perennial creek that runs from west to east across the Western Study Area as well as the seasonal wetlands mapped within the Study Area.	**No Habitat Present.** No marshes are present within this Study Area.
Progne subis Purple martin	--	CSC	Nests in tall bridges and overpasses near water and open areas.	**No Habitat Present.** No tall bridges or overpasses are present within the Project area.	**No Habitat Present.** No tall bridges or overpasses are present within the Project area.
Mammals					
Antrozous pallidus Pallid bat	--	CSC, WBWG H	Day and night roosts include crevices in rocky outcrops and cliffs, caves, mines, trees (e.g., basal hollows of coast redwoods and giant sequoias, bole cavities of oaks, exfoliating Ponderosa pine and Valley oak bark, deciduous trees in riparian areas, and fruit trees in orchards), and various human structures such as bridges (especially wooden and concrete girder designs), barns, porches, bat boxes, and human-occupied as well as vacant buildings (WBWG 2020).	**High.** Suitable roosting habitat for this species is present in tree hollows and under exfoliating bark on trees throughout the site.	**High.** Suitable roosting habitat for this species is present in tree hollows and under exfoliating bark on trees throughout the site.
Lasionycteris noctivagans Silver-haired bat	--	WBWG M	Roosts in abandoned woodpecker holes, under bark, and occasionally in rock crevices. It forages in open wooded areas near water features.	**High.** Suitable roosting habitat for this species is present in tree hollows and under exfoliating bark on trees throughout the site.	**High.** Suitable roosting habitat for this species is present in tree hollows and under exfoliating bark on trees throughout the site.

Scientific Name (Common Name)	Federal Status	State Status	Habitat Requirements	Potential for Occurrence	
				Western Study Area	Eastern Study Area
Lasiurus blossevillii Western red bat	--	CSC, WBWG H	Require large leaf trees such as cottonwoods, willows, and fruit/nut trees for daytime roosts. Often associated with wooded habitats that are protected from above and open below. Often found in association with riparian corridors. Require open space for foraging.	**High.** Trees scattered throughout the site are suitable roosting habitat for this species.	**High.** Trees scattered throughout the site are suitable roosting habitat for this species.
Lasiurus cinereus Hoary bat	--	WBWG M	Roosts primarily in foliage of both coniferous and deciduous trees at the edges of clearings (WBWG 2020).	**High.** Trees scattered throughout the site are suitable roosting habitat for this species.	**High.** Trees scattered throughout the site are suitable roosting habitat for this species.

Status Codes:

CE - CDFW Endangered
CFP - CDFW Fully Protected
CR - CDFW Rare
CRPR - California Rare Plant Rank
CSC - CDFW Species of Concern
CT - CDFW Threatened
FD - Federally Delisted
FE - Federally Endangered
FT - Federally Threatened
WBWG M - Western Bat Working Group Medium Threat Rank
WBWG H - Western Bat Working Group High Threat Rank

5.1.5 Sanford's Arrowhead

Sanford's arrowhead (*Sagittaria sanfordii*) is not federally or state listed, but it is classified as a CRPR List 1B.2 plant. It generally occurs in shallow freshwater habitats associated with drainages, canals, and larger ditches that sustain inundation and/or slow-moving water into early summer. This perennial rhizomatous species blooms from May to October, and occurs from sea level to approximately 2,000 feet (CNPS 2021). Suitable habitat for this species is present in and adjacent to the main perennial creek in the Western Study Area. This species has not been documented within five miles of the Study Area in the CNDDB (CNDDB 2021). This species was not observed during the 2016 protocol-level special status plant surveys of the site (Madrone 2017d, 2017e, and 2017i) or during the 2020 protocol-level surveys of the portion of this feature proposed for impact.

5.2 Invertebrates

5.2.1 Vernal Pool Fairy Shrimp

The vernal pool fairy shrimp (*Branchinecta lynchi*) is listed as threatened pursuant to the federal Endangered Species Act. Historically, the range of vernal pool fairy shrimp extended throughout the Central Valley of California. Vernal pool fairy shrimp populations have been found in several locations throughout California, with habitat extending from Stillwater Plain in Shasta County through the Central Valley to Pixley in Tulare County, and along the Central Coast range from northern Solano County to Pinnacles National Monument in San Benito County (Eng *et al.* 1990, Fugate 1992). Additional populations occur in San Luis Obispo, Santa Barbara, and Riverside counties. The historic and current ranges of vernal pool fairy shrimp are very similar in extent; however, the remaining populations are more fragmented and isolated than during historical times (USFWS 2005). The life cycle of vernal pool fairy shrimp is adapted to seasonally inundated features such as vernal pools, seasonal wetlands, and seasonal wetland swales. Fairy shrimp embryos survive the dry season in cyst form. Cysts "hatch" soon after pools become inundated during the wet season. Fairy shrimp complete their life cycle quickly and feed on small particles of detritus, algae, and bacteria (Eriksen and Belk 1999).

There are seven depressional wetlands within the Eastern Study Area (**Figure 7**). The five northern-most wetlands are in an area that was disturbed by placer mining, and the depressional wetlands are located in old placer mining pits. The two southern wetlands are located in an area that was historically planted as an orchard and irrigated. All seven of the wetlands are located in habitats that have historically experienced significant topographic and hydrologic manipulation. Some were created by that manipulation. No depressional wetlands occur within the Western Study Area.

The closest documented occurrence of vernal pool fairy shrimp (CNDDB Occurrence #229) is located approximately 2.6 miles to the southwest. That location was extirpated by residential development back in 2002. The nearest potentially extant occurrences are located approximately 3.5 miles to the southwest and northwest of the Study Area (CNDDB Occurrences #230 and 733). All three of these occurrences are in vernal pools underlain by a volcanic hardpan or clay duripan and occur in a vernal pool grassland setting.

The depressional wetlands within the Study Area occur within a disturbed mixed oak woodland setting, the soil has historically been highly manipulated, and the underlying soils are not appropriate to support vernal pool branchiopods (no clay duripan or volcanic hardpan, but rather weathered granite typical of the lower foothills of the Sierra Nevada). In summary, despite the fact that vernal pool fairy shrimp have been documented within 5 miles of the Study Area, it is our professional opinion that the depressional seasonal wetlands within the Study Area do not represent suitable habitat for vernal pool fairy shrimp.

To bolster this conclusion, Madrone conducted protocol-level dry-season and wet-season surveys for vernal pool branchiopods in all of the depressional seasonal wetlands. Both of these surveys have been completed with negative results (Madrone 2021).

As suitable habitat is absent, and protocol-level surveys for the species are negative, we have concluded that vernal pool fairy shrimp are absent from the Study Areas.

5.2.2 Valley Elderberry Longhorn Beetle

The Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*, VELB) is associated exclusively with elderberry (*Sambucus* species) shrubs in the Central Valley and foothills up to approximately 500 feet above MSL during its entire 2-year life cycle. Following egg-laying, larvae bore into the elderberry stems and feed upon the pith. They emerge through a round exit or emergence hole upon completion of this life stage. They occupy elderberry stems and trunks that are greater than one inch in diameter at ground level. The U.S. Fish and Wildlife Service (USFWS) considers all elderberry shrubs containing stems greater than one inch in diameter at ground level within the range of the VELB as potential VELB habitat. The USFWS has not clearly defined the range of the VELB, but the *Framework for Assessing Impacts to the Valley Elderberry Longhorn Beetle (Desmocerus californicus dimorphus)* (USFWS 2017) states that the "majority of VELB have been documented below 152 meters (500 feet) in elevation", and Sam Sosa (USFWS Biologist) stated that range is still considered accurate (personal communication, 20 August 2021). VELB most commonly occur in areas within, or near, some type of riparian corridor containing other woody plant species such as willow *(Salix* spp.), cottonwood *(Populus fremontii ssp. fremontii),* wild grape (*Vitis californica),* and box elder *(Acer negundo).* Population densities of the VELB are probably naturally low (USFWS 1984), and it has been suggested based on the spatial distribution of occupied shrubs, that the VELB has limited dispersal capabilities. Talley et al. (2007) found that much of the time, distances between stems with exit holes averaged 25-50 meters (65-165 feet) apart. At larger scales, average distances between these occupied clumps ranged from 200 meters (655 feet) up to 800 meters (2,625 feet). Isolated, non-riparian elderberry clumps are less likely to be occupied or become colonized by VELB and those beyond 800 meters (2,526 feet) from the nearest elderberry clump become increasingly less likely to be occupied (USFWS 2017).

It should be noted that there are two subspecies of elderberry longhorn beetles: the VELB, and the California elderberry longhorn beetle (*Desmocerus californicus californicus*, CELB). CELB are more common and widely distributed than VELB (USFWS 2014). CELB exit holes and adult female beetles are indistinguishable from those of VELB; only adult male beetles can be used to distinguish between the two (USFWS 2019).

The VELB is federally listed as threatened. Critical habitat was designated by the USFWS on 8 August 1980 (45 Federal Register [FR] 52803). On 22 October 2012 the USFWS issued a proposed rule to remove the designation of the VELB as a threatened species; however, on 29 August 2014 the USFWS formally withdrew the proposed rule (79 FR 55879). The Project is not located within critical habitat for the VELB (USFWS 1980).

Madrone biologists surveyed the entire Study Area for elderberry shrubs on 18, 25, and 26 May 2016; 2 June 2016; 22 February and 31 October 2017. Twenty-four elderberry shrubs were found and surveyed for evidence of VELB presence. Only one of the shrubs exhibited the characteristic exit holes of the CELB/VELB. The sites were resurveyed for elderberry shrubs and VELB evidence on 14 October 2020. The survey results were largely consistent with the results of the prior surveys. No additional shrubs were found, and no exit holes were found. One shrub in the Eastern Area could not be relocated, but there was a substantial amount of vegetation in the area, and due to the timing of the survey, it could not be conclusively determined to be dead. The elderberry shrubs in the Eastern Area are generally smaller and less vigorous than those in the Western Area. We presume this is due to the generally more arid nature of the Eastern Area. The Western Area has perennial and intermittent drainages that may contribute to a higher groundwater table.

A review of the CNDDB indicates that the nearest documented occurrence of VELB in the CNDDB (Occurrence #86) is within 800 meters (**Figure 3**); however, this occurrence documents only exit holes, which are indistinguishable from those of CELB (CNDDB 2020). Seven additional CNDDB occurrences of VELB are within 10 miles of the Action Area, but all are documentation of exit holes only. The nearest verifiable VELB occurrences (CNDDB Occurrences 295 and 296) are located approximately 10.2 miles away, along the American River (CNDDB 2020). Given the distance to the nearest verified occurrence of VELB, the fact that, as noted above, VELB are poor fliers and are unlikely to colonize shrubs greater than 800 meters from an occupied shrub, and the lack of any evidence of elderberry longhorn beetle use of the shrubs within the Study Area during the most recent survey, the elderberry shrubs on-site appear to be currently unoccupied by VELB.

The Eastern Study Area does not contain any aquatic resources subject to USACE jurisdiction, and as a result, work within this area will not require a permit from the USACE. It follows then, that for work within this area there is no federal nexus for federal ESA Section 7 consultation with USFWS regarding VELB. As a result, if the applicant were to consider whether to obtain an incidental take permit for VELB, the applicant would be required to confer with the USFWS under Section 10 of the federal ESA. The threshold the USFWS uses for issuing an incidental take permit under Section 10 is much higher than that for consultation under Section 7; one must demonstrate that the action (i.e., the Project) is "likely" or "reasonably certain" to result in take of a fish or wildlife species. In contrast, under Section 7, biological opinions providing incidental take coverage are provided to the consulting federal agency when the Project "may affect" or "is likely to adversely affect" listed species or critical habitat.

After several calls with USFWS regarding the Eastern Study Area, Madrone prepared a letter to the USFWS summarizing how this Project is "not likely" or "reasonably certain not" to result in take of a fish or wildlife species. This letter is provided in **Attachment D**.

5.3 Reptiles

5.3.1 Western Pond Turtle

The western pond turtle (*Emys marmorata*) is not fecerally or state listed but is a CDFW species of special concern. Its favored habitats include streams, large rivers and canals with slow-moving water, aquatic vegetation, and open basking sites (Jennings and Hayes 1994). Although the turtles must live near water, they can tolerate drought by burrowing into the muddy beds of dried drainages. This species feeds mainly on invertebrates such as insects and worms, but will also consume small fish, frogs, mammals and some plants. Western pond turtle predators include raccoons, coyotes, raptors, weasels, large fish, and bullfrogs. This species breeds from mid to late spring in adjacent open grasslands or sandy banks (Jennings and Hayes 1994).

The main perennial creek in the Western Study Area provides suitable habitat for western pond turtle. The closest documented occurrences of western pond turtle are four occurrences in both the CNDDB and iNaturalist approximately 5 miles east of the Study Areas, all very close to Folsom Lake (CNDDB 2021, iNaturalist 2020).

5.4 Birds

5.4.1 Tricolored Blackbird

Tricolored blackbirds (*Agelaius tricolor*) are not federally listed but are state listed as threatened. In addition, tricolored blackbird is listed by CDFW as a species of special concern. They are colonial nesters preferring to nest in dense stands of cattails, bulrush, or blackberry thickets associated with perennial water (Shuford and Gardali 2008). Most tricolored blackbirds forage within 3.1 miles of their colony sites (Shuford and Gardali 2008). Proximity to suitable foraging habitat appears to be extremely important for the establishment of colony sites, as tricolored blackbirds usually forage, at least initially, in the field containing the colony site (Shuford and Gardali 2008).

Cattails, tules, and blackberry brambles in the Western Study Area represent suitable nesting habitat, and the isolated blackberry brambles in the Eastern Study Area represent marginally suitable nesting habitat. The blackberry brambles in the Eastern Study Area are only marginally suitable due to the small patch size and more importantly, lack of perennial water. The nesting habitat in the Western Study Area is much higher quality, but the adjacent foraging habitat is comprised of only small, disjunct patches. Furthermore, there is very little foraging habitat available within 3 miles of the Study Area due to the urban setting, and nesting colonies of this species have not been documented within three miles of the Study Areas historically (CNDDB 2021, TCB Portal 2020, eBird 2020). As noted above, most tricolored blackbirds forage within approximately 3 miles of their nesting colony site. Therefore, if a nesting colony established within 3 miles of the Study Areas, then the annual grasslands could provide foraging habitat for those birds. The nearest documented nesting colony of tricolored blackbird is CNDDB Occurrence #330, which is located approximately 3.6 miles south of the Study Area, along Wellington Way just north of East Roseville Parkway

(CNDDB 2021). This nesting location was last documented occupied by a tricolored blackbird colony in 1999; surveys of the location in 2011 and 2014 were both negative. As this location has not been utilized by tricolored blackbirds in more than 10 years, this is not considered an active nesting location.

5.4.2 Swainson's Hawk

Swainson's hawk (*Buteo swainsoni*) is a raptor species that is not federally listed, but is listed as threatened by CDFW. Breeding pairs typically nest in tall trees associated with riparian corridors, and forage in grassland, irrigated pasture, and cropland with a high density of rodents (Shuford and Gardali 2008). The Central Valley populations breed and nest in the late spring through early summer before migrating to Central and South America for the winter (Shuford and Gardali 2008).

The larger expanses of annual brome grasslands within the Study Areas represent potential foraging habitat for Swainson's hawk, and the larger trees within the Study Areas provide suitable nesting habitat. Swainson's hawks were observed nesting in a Fremont's cottonwood tree in the Eastern Study Area in 2019 (**Figure 7**) (Madrone 2019), and they have been observed soaring over the Eastern Study Area during field surveys. The annual brome grasslands within the Eastern Study Area are large patches of habitat with adjacent (to the east) similar habitat that are almost certainly utilized for foraging by the pair nesting in that area. Therefore, the annual brome grasslands in the Eastern Study Area are considered suitable foraging habitat. The annual brome grasslands in the Western Study Area are of much lower quality. They are comprised of five small patches (each 2-3 acres or less) disjunct from one another due to oak and riparian woodland corridors, and further disjunct from any other larger, more suitable habitat. The Western Study Area is almost entirely surrounded by urban development. This habitat would normally be considered unsuitable, but with the presence of a Swainson's' hawk nest just 0.5 mile to the northeast, there is a chance that the habitat could be used for foraging, and we are considering the annual brome grasslands within the Western Study Area to be marginally suitable foraging habitat for Swainson's hawk.

5.4.3 Northern Harrier

The northern harrier *(Circus cyaneus)* is not listed pursuant to either the California or federal Endangered Species Acts; however, it is considered to be a species of special concern by the CDFW. This species is known to nest within the Central Valley, along the Pacific Coast, and in northeastern California (Shuford and Gardali 2008). The northern harrier is a ground nesting species, and typically nests in emergent wetland/marsh, open grasslands, or savannah habitats. Foraging occurs within a variety of open habitats such as marshes, agricultural fields, and grasslands (Shuford and Gardali 2008).

The larger expanses of annual brome grasslands throughout the Study Areas are suitable nesting and foraging habitat for this species. Northern harrier has not been documented in the CNDDB within 5 miles of the Study Area (CNDDB 2021).

5.4.4 White-Tailed Kite

White-tailed kite (*Elanus leucurus*) is not federally or state listed, but is a CDFW fully protected species. This species is a yearlong resident in the Central Valley and is primarily found in or near foraging areas such as open grasslands, meadows, farmlands, savannahs, and emergent wetlands (Shuford and Gardali 2008). White-tailed kites typically nest from March through June in trees within riparian, oak woodland, and savannah habitats of the Central Valley and Coast Range (Shuford and Gardali 2008).

The annual brome grasslands throughout the Study Areas represent suitable foraging habitat for white-tailed kite, and the trees within the Study Areas provide suitable nesting habitat. This species was observed foraging, mating, and exhibiting courtship behavior in both Study Areas during field surveys. The nearest documented occurrence of white-tailed kite in the CNDDB is Occurrence #74, which is located approximately 3.75 miles north of the Study Area, just west of Penryn (CNDDB 2021).

5.4.5 Loggerhead Shrike

The loggerhead shrike *(Lanius ludovicianus)* is not listed and protected pursuant to either the California or federal Endangered Species Acts; but is a CDFW species of special concern. Loggerhead shrikes nest in small trees and shrubs in woodland and savannah vegetation communities, and forage in open habitats throughout California (Shuford and Gardali 2008). The nesting season ranges from March through June.

The trees and annual brome grassland within the Study Area provide suitable habitat for loggerhead shrike. Loggerhead shrike has not been documented in the CNDDB within 5 miles of the Study Area (CNDDB 2021).

5.4.6 California Black Rail

The California black rail (*Laterallus jamaicensis coturniculus*) is listed as threatened by CDFW and is also a CDFW Fully Protected species. This sparrow-sized bird is the smallest rail species in North America. California black rails historically occupied saltwater, brackishwater, and freshwater marshes from the coast of Baja Mexico north to San Francisco and inland throughout the San Joaquin and Sacramento Valleys into eastern Oregon wetlands. Today the species is found in the San Francisco Bay area, at several locations in the Sacramento-San Joaquin River delta, Morro Bay, Tomales Bay, and Bolinas Lagoon. Several populations have been identified in the Sierra Nevada foothills in Placer, Nevada, Butte, and Yuba Counties (Richmond, Tecklin, and Beissinger 2008).

In the Sierra Nevada foothills, California black rail occupy a very specific habitat type. The generally are associated with shallow portions of permanent or semi-permanent wetlands with dense emergent vegetation. Due to their highly secretive behavior, Black Rails rarely venture out into the open but instead prefer to remain hidden beneath a canopy of thick cattails, rushes, sedges or wetland grasses. A steady flow of shallow water also seems to be important to Black Rails in the foothills, hence their association with artificial wetlands that form, either deliberately or accidentally, near irrigation canals. Black Rails can occupy wetlands as small as 40 feet by 40 feet but are usually found in wetlands that are a quarter of an acre or

larger. California black rail nesting habitat is characterized by water depths of about one inch that do not fluctuate during the year (Richmond, Tecklin, and Beissinger 2008).

Portions of the riparian wetlands and seasonal wetlands within the Western Study Area represent marginal habitat for the species. California black rail has been documented approximately 3 miles north of the Study Area in a large freshwater marsh along Clover Valley Creek (CNDDB 2021).

5.5 Mammals

5.5.1 Pallid Bat

Pallid bat (*Antrozous pallidus*) is not federally or state listed, but is considered a CDFW species of special concern, and is classified by the WBWG as a High priority species. It favors roosting sites in crevices in rock outcrops, caves, abandoned mines, hollow trees, and human-made structures such as barns, attics, and sheds (WBWG 2021). Though pallid bats are gregarious, they tend to group in smaller colonies of 10 to 100 individuals. It is a nocturnal hunter and captures prey in flight, but unlike most American bats, the species has been observed foraging for flightless insects, which it seizes after landing (WBWG 2021).

Tree hollows and exfoliating bark on trees throughout the Study Areas represent suitable roosting habitat for pallid bat. Pallid bat has not been documented in the CNDDB within 5 miles of the Study Area (CNDDB 2021).

5.5.2 Silver-Haired Bat

Silver-haired bat (*Lasionycteris noctivagans*) is not federally or state listed, but is classified by the WBWG as a Medium priority species. Primarily considered a coastal and montane forest species, the silver-haired bat occurs in more xeric environments during winter and seasonal migrations (WBWG 2021). It roosts in abandoned woodpecker holes, under bark, and occasionally in rock crevices. This insectivore's favored foraging sites include open wooded areas near water features (WBWG 2021).
Tree hollows and exfoliating bark on trees throughout the Study Areas represent suitable roosting habitat for silver-haired bat. Silver-haired bat has not been documented in the CNDDB within 5 miles of the Study Area (CNDDB 2021).

5.5.3 Western Red Bat

Western red bat (*Lasiurus blossevillii*) is not federally or state listed, but is considered a CDFW species of special concern, and is classified by the WBWG as a High priority species. Western red bat is typically solitary, roosting primarily in the foliage of trees or shrubs (WBWG 2021). Day roosts are commonly in edge habitats adjacent to streams or open fields, in orchards, and sometimes in urban areas. There may be an association with intact riparian habitat (particularly willows, cottonwoods, and sycamores) (WBWG 2021).

Trees within the riparian woodlands and riparian wetlands represent suitable roosting habitat for western red bat. Western red bat has not been documented in the CNDDB within 5 miles of the Study Area (CNDDB 2021).

5.5.4 Hoary Bat

The hoary bat (*Lasiurus cinereus*) is not federally or state listed, but is classified by the WBWG as a Medium priority species. It is considered to be one of the most widespread of all American bats with a range extending from Canada to central Chile and Argentina as well as Hawaii (WBWG 2021). Hoary bats are solitary and roost primarily in foliage of both coniferous and deciduous trees, near the ends of branches at the edge of a clearing (WBWG 2021). This species may also occasionally roost in caves, beneath a rock ledge, in a woodpecker hole, in a grey squirrel nest, under a wood plank, or clinging to the side of a building (WBWG 2021).

Trees throughout the Study Areas represent suitable roosting habitat for hoary bat. Hoary bat has not been documented in the CNDDB within 5 miles of the Stucy Area (CNDDB 2021).

6.0 IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES

This section details potential impacts to the sensitive biological resources discussed above associated with construction of the Project, as discussed in **Section 1.1**.

6.1 Aquatic Resources

Of the approximately 9.065 acres of aquatic resources mapped within the Study Areas, 0.971 acre will be impacted by the Projects, and 8.094 acres will be avoided (**Table 3**) (**Figure 9 and 10**).

Table 3. Aquatic Resource Impacts within the Study Areas

Resource Type	Impacted Acreage	Avoided Acreage	Total Acreage
Wetlands			
Seasonal Wetland	0.502	2.200	2.702
Seasonal Wetland Swale	0.089	0.385	0.474
Seep	0.188	0.036	0.224
Riparian Wetland	0.143	5.014	5.157
Other Waters			
Perennial Creek	0.008	0.397	0.405
Ephemeral Drainage	0.035	0.042	0.077
Ditch	0.006	0.020	0.026
Total	**0.971**	**8.094**	**9.065**

6.2 Special-Status Plant Species

The vegetation communities proposed for impact represent suitable habitat for big-scale balsamroot, dwarf downingia, Bogg's Lake hedge hyssop, Ahart's dwarf rush, and Sanford's arrowhead, but protocol-level

special-status plant surveys were conducted throughout the Study Area in 2017 and 2020 with negative results. Therefore, these species are known to be currently absent from the Study Areas; however, plant species can become established in new locations given enough time. In accordance with USFWS protocols, which recommend resurvey after three years (USFWS 1996), we would recommend that additional special-status plant surveys be conducted prior to construction if construction does not commence by 1 April 2023 to confirm absence of (and no impact to) these species.

6.3 Valley Elderberry Longhorn Beetle

A total of 18 elderberry shrubs that represent potential habitat, but are not currently occupied by VELB are proposed for impact. Three of the elderberry shrubs are located in riparian wetland or riparian woodland, and the remaining 15 shrubs are located in upland oak woodland and oak savannah communities. As these shrubs are not currently occupied by VELB, the removal of the shrubs would not have any effect on VELB. USFWS staff have provided guidance regarding the need for an incidental take permit for removal of the elderberry shrubs within the Eastern Study Area resulting in the preparation of the letter found in **Attachment D**.

Regardless, out of an abundance of caution, the elderberry shrubs will be transplanted into appropriate open space area(s) on-site prior to site grading.

6.4 Western Pond Turtle

The main perennial creek running through the Western Study Area represents suitable habitat for western pond turtle, and the adjacent riparian wetlands and riparian woodlands provide suitable nesting habitat. Portions of the riparian wetland and riparian woodlands south of the creek will be impacted during Project construction (**Figure 11**). If western pond turtles or their nests were present in those areas during construction, individual turtles could be injured or killed, or nests could be destroyed.

6.5 Nesting Raptors and Songbirds

California black rail, Swainson's hawk, white-tailed kite, northern harrier, tricolored blackbird, and loggerhead shrike have the potential to nest within the Study Areas, as do other more common bird species protected by the MBTA. If they were nesting on-site, removal of the nests would impact these species. Furthermore, birds nesting in avoided areas adjacent to construction could be disturbed by construction, which could result in nest abandonment.

6.6 Foraging Raptors

The annual brome grassland within the Study Areas provides suitable foraging habitat for Swainson's hawk, white-tailed kite, northern harrier, and other more common raptors. Approximately 49.0 acres of suitable foraging habitat within the Eastern Study Area will be impacted during Project implementation (**Figure 12**),

and 10.4 acres of marginally suitable foraging habitat within the Western Study Area will be impacted (**Figure 11**).

6.7 Roosting Bats

Trees in habitats throughout the Study Areas are habitat for various special-status bats species. If special-status bats were roosting in trees to be removed by Project construction, they could be injured or killed during the removal.

6.8 Native Oak Trees

Native oak trees occur within oak woodlands, oak savannah, and riparian woodlands throughout the Study Areas. The *College Park Oak Tree Mitigation Plan* (Oak Mitigation Plan) (**Attachment E**) quantifies impacts and avoidance of oak trees, total DBH inches of oaks, and oak canopy acreage; these are summarized in **Table 4**. Note that the oak canopy acreage is smaller than the acreage of native oak vegetation communities presented in **Figures 4 and 5**, as oak trees are only one component of each of these communities.

Table 4. Native Oak Tree Impacts and Avoidance

Measurement	Impacts[1]	Avoidance[1]	Total
Number of oak trees	1,393 (72%)	551 (28%)	1,944
Oak DBH (inches)	12,780 (70%)	5,457 (30%)	18,237
Oak canopy (acres)	16.61 (67%)	8.07 (33%)	24.68

[1] A total of 166 unhealthy trees were not included in the impacted totals as mitigation for unhealthy trees is not required by the Tree Ordinance. The health of trees was not assessed in the avoidance areas.

In summary, implementation of the Proposed Project will directly impact 1,393 (72%) of the healthy native oak trees within the Study Area.

6.9 Riparian Zone

The riparian zone within the Western Study Area has largely been avoided by the proposed development plan (**Figure 11**). The only exceptions are five road, trail, and utility crossings, which are allowed by the City's Riparian Policy. There is no riparian zone within the Eastern Study Area. Therefore, there are no exceptions to the riparian policy.

7.0 MITIGATION FOR IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES

The following are suggested mitigation measures for impacts to sensitive biological resources that may be associated with construction of the Project.

7.1 Aquatic Resources

1. The Project applicant shall apply for a Section 404 permit from the U.S. Army Corps of Engineers for impacts to aquatic resources verified by the USACE as subject to their jurisdiction. Waters of the U.S. that will be impacted shall be replaced or rehabilitated on a "no-net-loss" basis. Habitat restoration, rehabilitation, and/or replacement shall be at a location and by methods acceptable to the USACE.
2. The applicant shall apply for a Section 401 water quality certification or WDR, as appropriate, from the RWQCB, and adhere to the conditions.
3. For project applications with impacts to drainages or riparian vegetation, the applicant shall apply for a Section 1600 Lake or Streambed Alteration Agreement from CDFW. Impacts will be outlined in the application and are expected to be substantially similar to the impacts to biological resources outlined in this document. Information regarding Project-specific drainage and hydrology changes resulting from Project implementation will be provided as well as a description of storm water treatment methods. Minimization and avoidance measures will be proposed as appropriate and may include: preconstruction species surveys and reporting, protective fencing around avoided biological resources, worker environmental awareness training, seeding disturbed areas adjacent to open space areas with native seed, and installation of project-specific storm water BMPs. Mitigation may include restoration or enhancement of resources on- or off-site, purchase of habitat credits from an agency-approved mitigation/conservation bank, working with a local land trust to preserve land, or any other method acceptable to CDFW.

7.2 Special-Status Plant Species

Special-status plant surveys conducted throughout the Study Area in 2017 and 2020 were negative within the proposed impact area, but given enough time, plants may become established in areas where suitable habitat exists. Therefore, we recommend special-status plant surveys be conducted in areas proposed for impact no more than three years prior to commencement of construction. If construction commences prior to 1 April 2023, these surveys will not be required. Surveys shall be conducted in accordance with the *Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed, and Candidate Plants* (USFWS 2000), the *Botanical Survey Guidelines of the California Native Plant Society* (CNPS 2001), and *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities* (CDFW 2018) or more recent protocols at that time. If no special-status plant species are found, no further mitigation would be required. If special-status plants are found and will be impacted, mitigation for those impacts will be determined during consultation with the City. If the plant found is a perennial such as Sanford's arrowhead or big-scale balsamroot, then mitigation will consist of digging up the plant and transplanting into a suitable avoided area on-site prior to construction. If the plant found is an annual such as dwarf downingia, then mitigation will consist of collecting seed-bearing soil and spreading into a suitable constructed wetland at a mitigation site (as placing soil into an avoided wetland on-site would be considered fill).

7.3 Valley Elderberry Longhorn Beetle

VELB were not present within the on-site elderberry shrubs during the most recent survey in October 2020, but given enough time, VELB could occupy the elderberry shrubs, or shrubs may become established in new areas or may die of natural causes. Therefore, we recommend comprehensive VELB surveys be conducted in areas proposed for impact no more than three years prior to commencement of construction. If construction commences prior to October 2023, these surveys will not be required. Surveys shall be conducted in accordance with the *Framework for Assessing Impacts to the Valley Elderberry Longhorn Beetle* (USFWS 2017), or the most recent USFWS VELB guidance at the time.

7.4 Western Pond Turtle

A western pond turtle survey shall be conducted in all areas within 150 feet of the main (east-west) perennial creek in the Western Study Area within 48 hours prior to construction in that area. If no western pond turtles or nests are found, no further mitigation is necessary. If a western pond turtle is observed within the proposed impact area, a qualified biologist shall relocate the individual to suitable habitat outside of the proposed impact area prior to construction. If a western pond turtle nest is observed within the proposed impact area, the nest shall be fenced off and avoided until the eggs hatch. The exclusion fencing shall be placed no less than 25 feet from the nest. A qualified biologist shall monitor the nest daily during construction to ensure that hatchlings do not disperse into the construction area. Relocation of hatchlings will occur as stipulated above, if necessary.

7.5 Nesting Raptors and Other Birds

The following nest survey requirements apply if construction activities take place during the typical bird breeding/nesting season (typically February 1 through September 1).

7.5.1 Swainson's Hawk

A targeted Swainson's hawk nest survey shall be conducted throughout the Project area and all accessible areas within a ¼ mile radius of the proposed construction area no more than 14 days prior to construction activities. If active Swainson's hawk nests are found within ¼ mile of a construction area, construction shall cease within ¼ mile of the nest until a qualified biologist (Project Biologist) determines that the young have fledged or it is determined that the nesting attempt has failed. If the applicant desires to work within ¼ mile of the nest, the applicant shall consult with CDFW and the City to determine if the nest buffer can be reduced. The Project applicant, the Project biologist, the City, and CDFW shall collectively determine the nest avoidance buffer, and what (if any) nest monitoring is necessary.

7.5.2 Other Birds

A pre-construction nesting bird survey shall be conducted by the Project Biologist throughout the Project Area and all accessible areas within a 500-foot radius of proposed construction areas, no more than 14 days

prior to the initiation of construction. If there is a break in construction activity of more than 14 days, then subsequent surveys shall be conducted.

If active raptor, California black rail nest, or a tricolored blackbird nesting colony are found, no construction activities shall take place within 500 feet of the nest/colony until the young have fledged. If active songbird nests are found, a 100-foot no disturbance buffer will be established. These no-disturbance buffers may be reduced if a smaller buffer is proposed by the Project Biologist and approved by the City (and CDFW if it is a California black rail nest or tricolored blackbird nesting colony) after taking into consideration the natural history of the species of bird nesting, the proposed activity level adjacent to the nest, habituation to existing or ongoing activity, and nest concealment (are there visual or acoustic barriers between the proposed activity and the nest). The Project Biologist can visit the nest as needed to determine when the young have fledged the nest and are independent of the site or the nest can be left undisturbed until the end of the nesting season.

7.5.3 Survey Report

A report summarizing the survey(s), shall be provided to the City within 14 days of the completed survey and is valid for one construction season or until there is a gap in construction activity of 14 days or more. If no nests are found, no further mitigation is required.

7.5.4 Changes to Buffers and Completion of Nesting

Should construction activities cause a nesting bird do any of the following in a way that would be considered a result of construction activities: vocalize, make defensive flights at intruders, get up from a brooding position, or fly off the nest, then the exclusionary buffer shall be increased such that activities are far enough from the nest to stop this agitated behavior. The exclusionary buffer will remain in place until the chicks have fledged or as otherwise determined by the Project Biologist in consultation with the City.
Construction activities may only resume within the buffer zone after a follow-up survey by the Project Biologist has been conducted and a report has been prepared indicating that the nest (or nests) are no longer active, and that no new nests have been identified.

7.6 Loss of Foraging Habitat

7.6.1 Swainson's Hawk

Approximately 49.0 acres of highly suitable foraging habitat and 10.4 acres of marginally suitable foraging habitat for Swainson's hawks will be impacted during construction of the proposed Project. We would recommend the following mitigation for these impacts:

- One acre of suitable foraging habitat shall be protected for each acre of highly suitable foraging habitat impacted. Protection shall be via purchase of mitigation bank credits or other land protection mechanism acceptable to the City.

- 0.5 acre of suitable foraging habitat shall be protected for each acre of marginally suitable foraging habitat impacted. Protection shall be via purchase of mitigation bank credits or other land protection mechanism acceptable to the City.

Based on these ratios and the current development plan, a total of 54.15 acres of Swainson's hawk foraging habitat would be protected to compensate for impacts within the Study Area.

7.6.2 Other Birds

Approximately 59.4 acres of annual brome grassland within the Project Area that represents potential foraging habitat for northern harrier, white-tailed kite, and loggerhead shrike will be impacted by construction of the proposed Project. Though mitigation for impacts to foraging habitat for these species is not required pursuant to CEQA, the protection of Swainson's hawk foraging habitat as described above in **Section 7.5.1** will offset the loss of foraging habitat for these and other birds.

7.7 Roosting Bats

Pre-construction roosting bat surveys shall be conducted by a qualified biologist within 14 days prior to any tree or building removal that will occur during the breeding season (April through August). If pre-construction surveys indicate that no roosts of special-status bats are present, or that roosts are inactive or potential habitat is unoccupied, no further mitigation is required. If roosting bats are found, exclusion shall be conducted as recommended by the qualified biologist. Methods may include acoustic monitoring, evening emergence surveys, and the utilization of two-step tree removal supervised by the qualified biologist. Two-step tree removal involves removal of all branches that do not provide roosting habitat on the first day, and then the next day cutting down the remaining portion of the tree. Once the bats have been excluded from buildings or allowed to fly off from trees and roost elsewhere, the building or tree removal may occur.

7.8 Native Oak Trees

7.8.1 Permit Application

As impacts to "Trees" will occur for the development of the Project, the Project applicant must apply for a *Tree Preservation Plan Permit*, as required by the City Tree Ordinance. We have summarized the mitigation for oak impacts proposed in the *College Park Oak Tree Mitigation Plan* below in **Sections 7.7.2** and **7.7.3**, but the City will have ultimate discretion to determine what mitigation will be required prior to permit approval.

7.8.2 Mitigation for Impacted Native Oak Communities

As summarized in **Table 5**, above, 1,393 healthy native oak trees with a cumulative DBH of 12,780 inches and an approximate canopy of 16.61 acres are proposed for impact during Project construction. The *City*

of Rocklin Oak Tree Preservation Guidelines (Guidelines) state that "on-site mitigation in the form of planting replacement trees is preferred." and "Where more than twenty percent of the TDBH [total DBH] of all the surveyed oak trees or more than twenty percent of the total number of surveyed oak trees on the property are to be removed, each inch of TDBH removed in excess of twenty percent of the TDBH of all the surveyed oak trees shall be replaced with an equal number of inches of TDBH of replacement trees, but in no event shall the number of replacement trees be less than twice the number of trees removed (two to one)." As the majority of the avoided habitats will already be woodlands or wetlands, planting replacement trees on-site is not a feasible alternative.

The Guidelines go on to state that "Off-site tree replacement, contributions to the Rocklin Oak Tree Preservation Fund, and dedication of land instead of paying mitigation fees shall also be considered." Both off-site tree replacement and contributing to the Rocklin Oak Tree Preservation Fund would result in substantial temporal loss of habitat; therefore, the applicant has proposed to mitigate for loss of native oak communities through protection and long-term management of existing native oak communities. The Project Applicant has prepared the *College Park Oak Tree Mitigation Plan* (Oak Mitigation Plan), which is included as **Attachment E**. The Oak Mitigation Plan outlines the Project mitigation requirements detailed by the Guidelines:

Total DBH (TDBH) of oak trees on Project site	18,237
TDBH of healthy oak trees proposed for impact	12,780
Subtract 20% of TDBH of all trees (18,237 x 0.20)	-3,648
TDBH of mitigation required	9,132

Under the Oak Mitigation Plan, a 22.5-acre Mitigation Area would be set aside as mitigation for these impacts. This Mitigation Area is located along Secret Ravine Creek, and as a result, supports both a diverse, high quality riparian corridor, and oak woodlands further from the creek. The Mitigation Area contains 758 healthy native oak trees with a cumulative DBH of 9,420 inches. This is slightly more than the TDBH required, but does not provide the 2:1 replacement trees required by the Guidelines. As noted above, the Mitigation Area contains a mature riparian corridor with an additional 256 native trees with a cumulative DBH of 3,268 inches. Furthermore, the Mitigation Area provides 22.5 acres of native tree canopy, the majority of which is oaks, which is substantially greater than the 16.61 acres of oak canopy impact associated with the proposed Project. In summary, the Preserve contains 1,014 native trees with a cumulative DBH of 12,688. Although this still does not replace the number of oak trees on a two-to-one basis, the cumulative DBH is greater because the oak and riparian woodlands in the Preserve area are more mature, with generally larger trees. For comparison, the Project as proposed would impact 16 heritage oak trees with a cumulative DBH of 466 inches, while the Preserve area contains 69 heritage oak trees with a cumulative DBH of 1,703 inches.

Upon City approval, the Project applicant shall implement the Plan, which shall include preparation of a long-term management plan for the proposed oak conservation area and protection of the native oak habitat in perpetuity through the use of a real estate instrument such as a deed restriction or conservation easement that runs with the land.

7.8.3 Protection of Oak Trees During Construction

The following additional measures are required by the Oak Tree Preservation Guidelines:

> "A bond or other security instrument in a form approved by the City Attorney in the minimum amount of $10,000 (or greater as deemed necessary by the approving body) shall be posted and maintained to insure the preservation of the trees during construction. The security shall be posted prior to any grading or movement of heavy equipment onto the site or issuance of a permit. Any violation of any term or condition of the tree preservation plan permit or these Guidelines may result in forfeiture of all or a portion of the bond. Other violation penalties are contained in the Oak Tree Preservation Ordinance.
>
> ...the developer is required to fence the trees to be preserved during construction. The tree preservation ordinance requires fencing and signage to be installed by the developer around trees which could be damaged during construction. The sign shall be a minimum of two feet by two feet in size and shall state the bond amount which protects the tree and that damage will result in forfeiture of all or part of the bond. Fencing shall be located three feet outside the dripline of the tree, shall be no less than 4 feet high, and shall be installed prior to any grading on the site. City staff will verify installation of the fencing. It is the responsibility of the property owner and workers on the site to assure that the fence remains in its proper location and at its proper height during construction."

7.9 Worker Environmental Awareness Training

Prior to any ground-disturbing or vegetation-removal activities, a Worker Environmental Awareness Training (WEAT) shall be prepared and administered to the construction crews. The WEAT will include the following: discussion of the state and federal Endangered Species Act, the Clean Water Act, the Porter-Cologne Act and Waste Discharge Requirements, the Project's permits and CEQA documentation, and associated mitigation measures; consequences and penalties for violation or noncompliance with these laws and regulations; identification of special-status wildlife, location of any avoided Waters of the U.S; hazardous substance spill prevention and containment measures; and the contact person in the event of the discovery of a special-status wildlife species. The WEAT will also discuss the different habitats used by the species' different life stages and the annual timing of these life stages. A handout summarizing the WEAT information shall be provided to workers to keep on-site for future reference. Upon completion of the WEAT training, workers will sign a form stating that they attended the training, understand the information presented and will comply with the regulations discussed. Workers will be shown designated "avoidance areas" during the WEAT training; worker access should be restricted to outside of those areas to minimize the potential for inadvertent environmental impacts. Fencing and signage around the boundary of avoidance areas may be helpful.

8.0 REFERENCES

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Figures

Figure 1. Vicinity Map

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Figure 3. California Natural Diversity Database Occurrences of Wildlife Species and Critical Habitat

Figure 4. Vegetation Communties – Western Area

Figure 5. Vegetation Communities – Eastern Area

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Figure 7. Aquatic Resources, Sanford's Arrowhead, and Elderberry Shrub Location Map - Eastern Area

Figure 8. NRCS Soils Map

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Figure 10. Aquatic Resources and Elderberry Shrub Impacts– Eastern Area

Figure 11. Land Cover and Elderberry Shrub Impacts – Western Area

Figure 12. Land Cover and Elderberry Shrub Impacts – Eastern Area

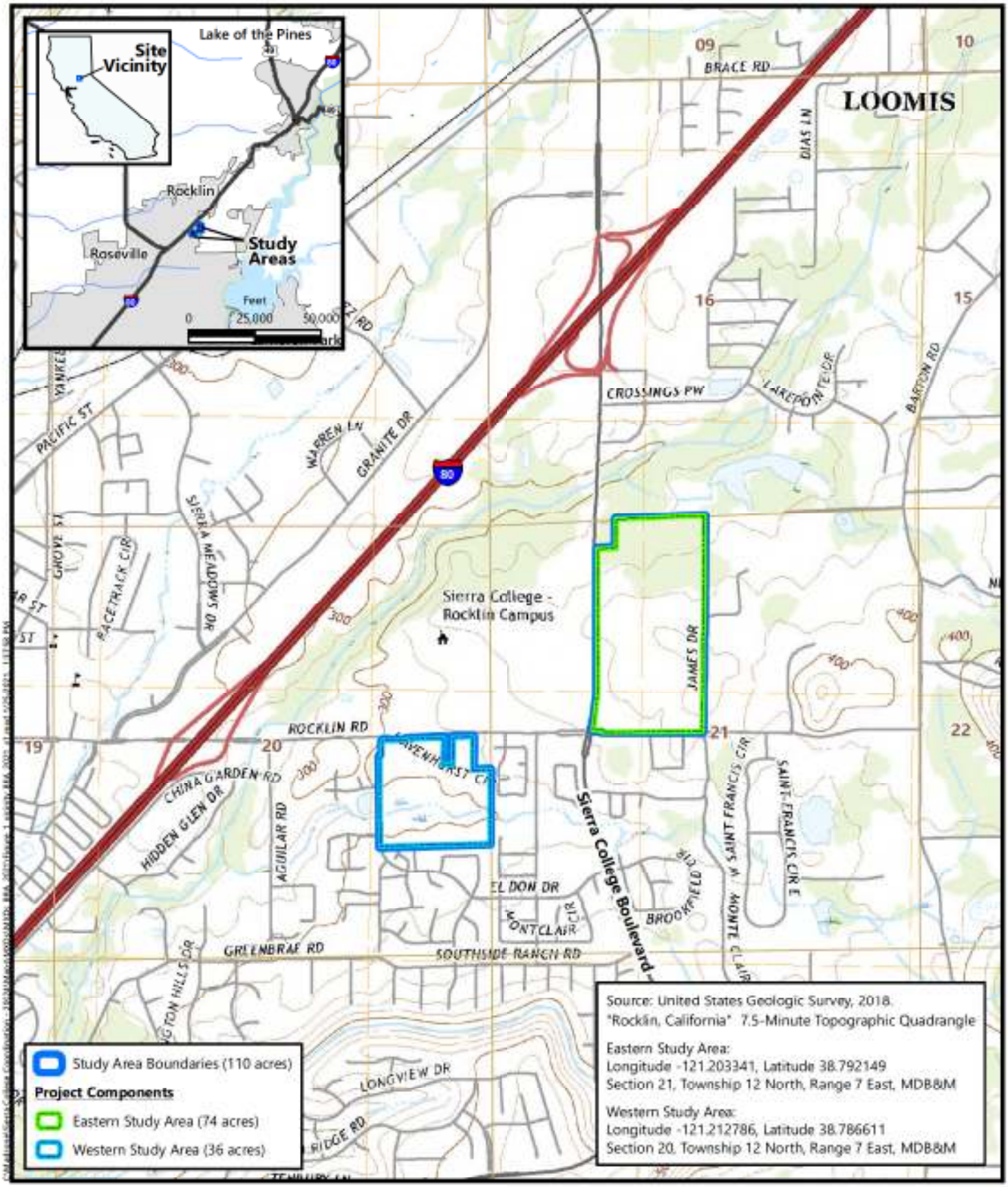
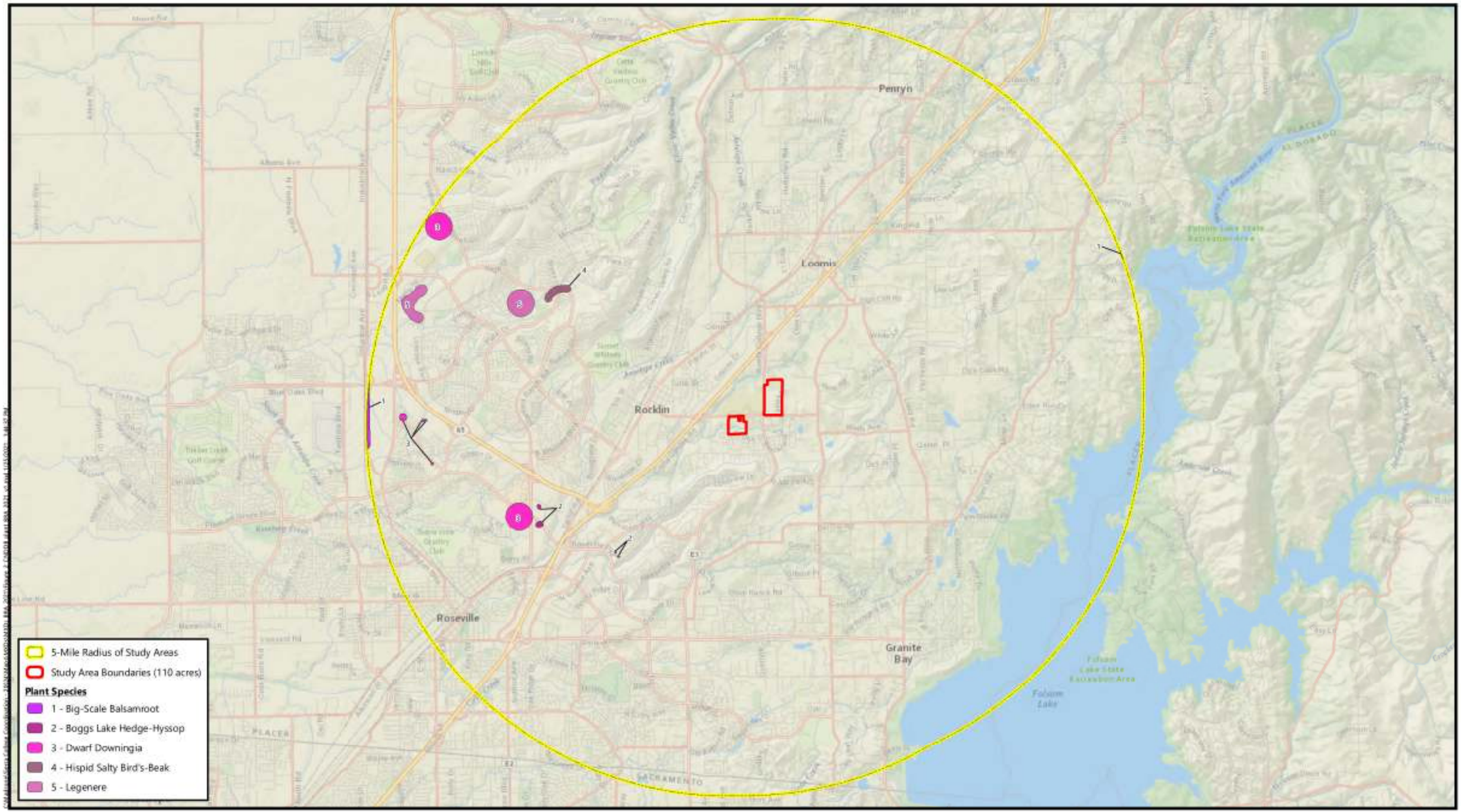


Figure 1
Site and Vicinity

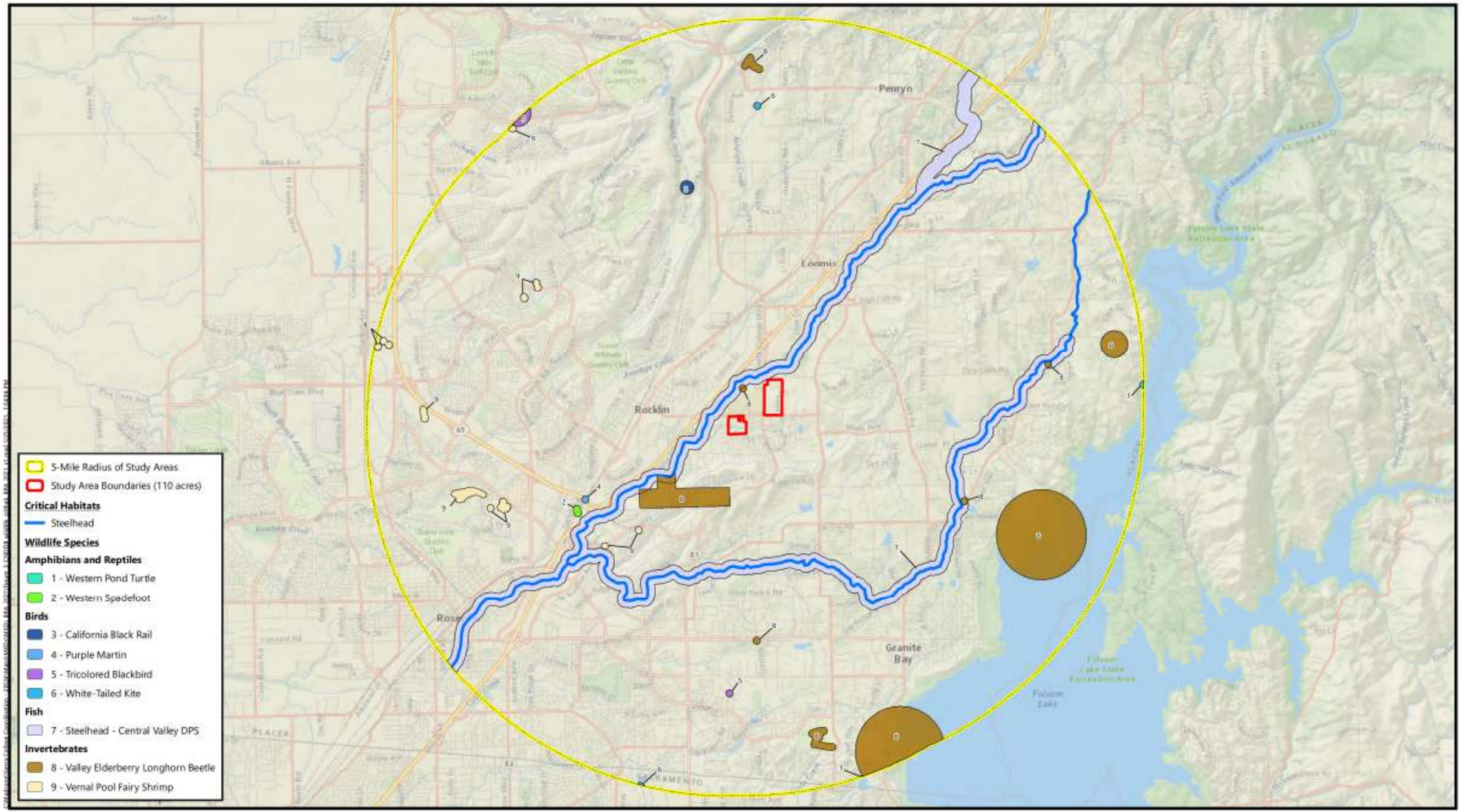
College Park
Rocklin, Placer County, California

Basemap Source: United States Geologic Survey, 2018.



Source: *California Department of Fish and Wildlife*, January 2021.
Basemap Source: *National Geographic* and *ESRI*

Figure 2
California Natural Diversity Database Occurrences of Special-Status Plant Species
College Park
Rocklin, Placer County, California



Source: *California Department of Fish and Wildlife*, January 2021.
Basemap Source: *National Geographic* and *ESRI*

Figure 3
California Natural Diversity Database Occurrences of Special-Status Wildlife Species and Critical Habitats
College Park
Rocklin, Placer County, California



Aerial Base: City of Rocklin, 19 April 2018

Figure 4
Vegetation Communities and Aquatic Resources
Western Study Area

College Park
Rocklin, Placer County, California

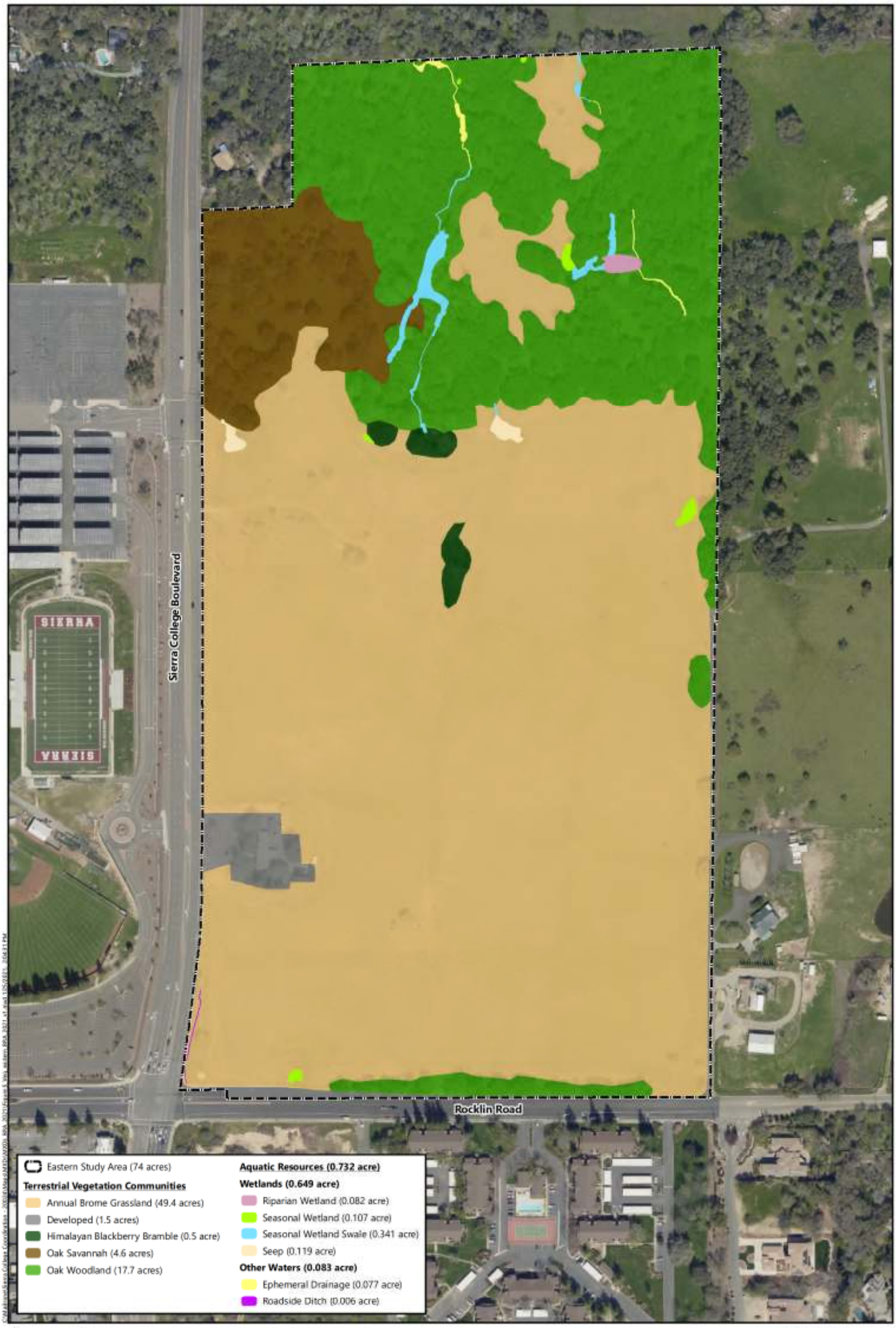


Figure 5
Vegetation Communities and Aquatic Resources Eastern Study Area

College Park
Rocklin, Placer County, California

Aerial Base: City of Rocklin, 19 April 2018

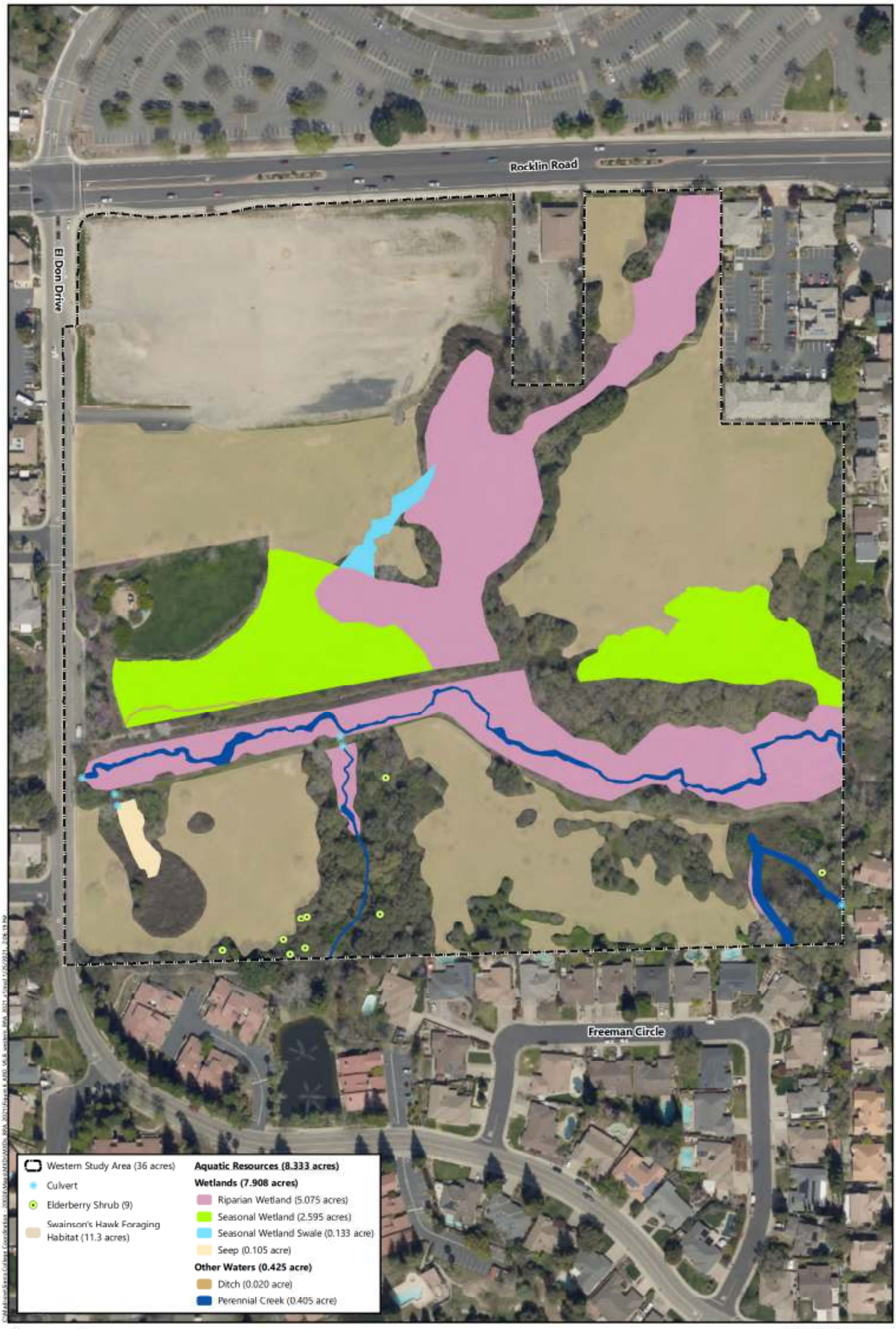


Figure 6
Aquatic Resources, Elderberry Shrub Locations, and Swainson's Hawk Foraging Habitat Western Study Area

College Park
Rocklin, Placer County, California

Aerial Base: City of Rocklin, 19 April 2018

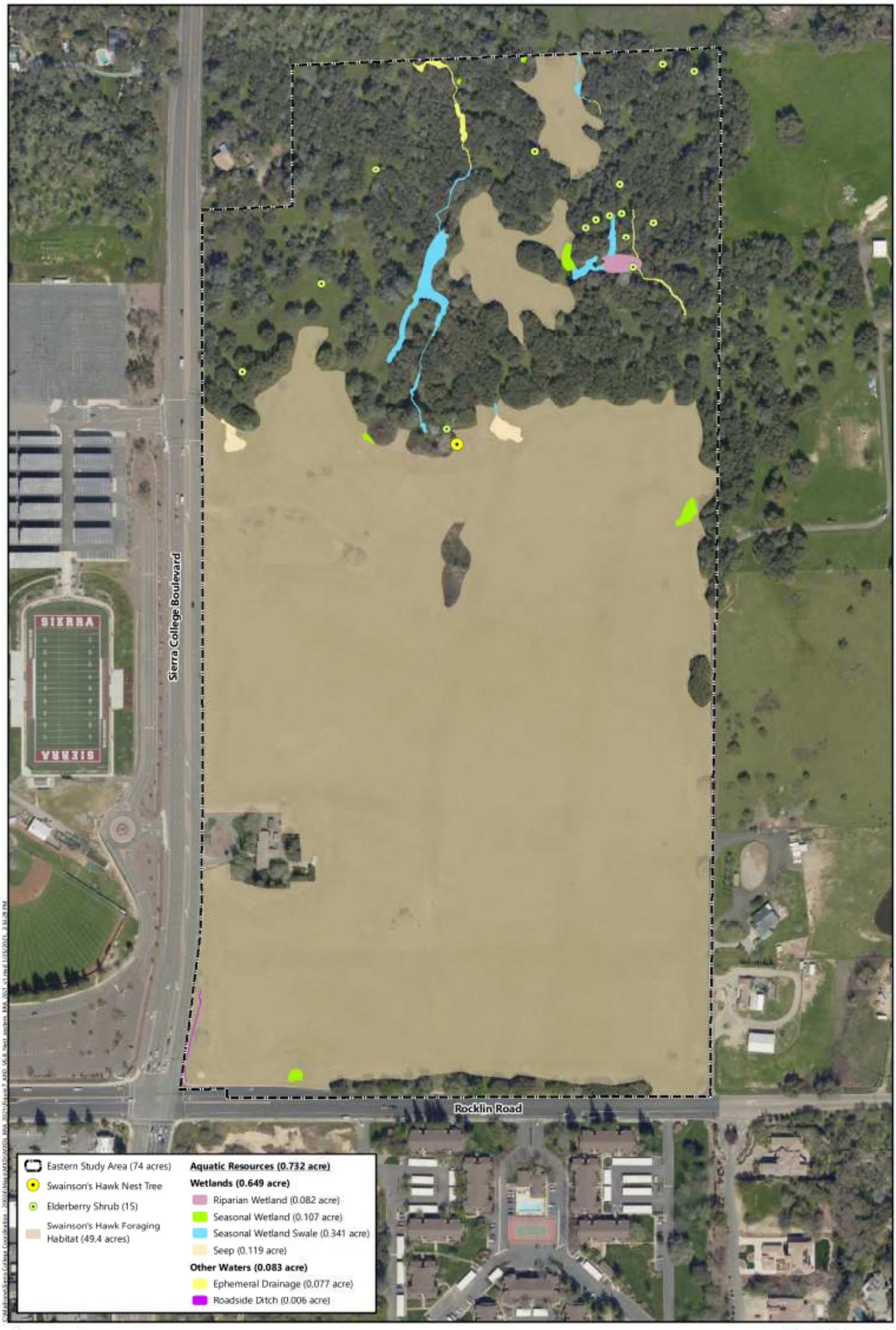


Figure 7
Aquatic Resources, Swainson's Hawk Nest Tree and Foraging Habitat, and Elderberry Shrub Locations Eastern Study Area

College Park
Rocklin, Placer County, California

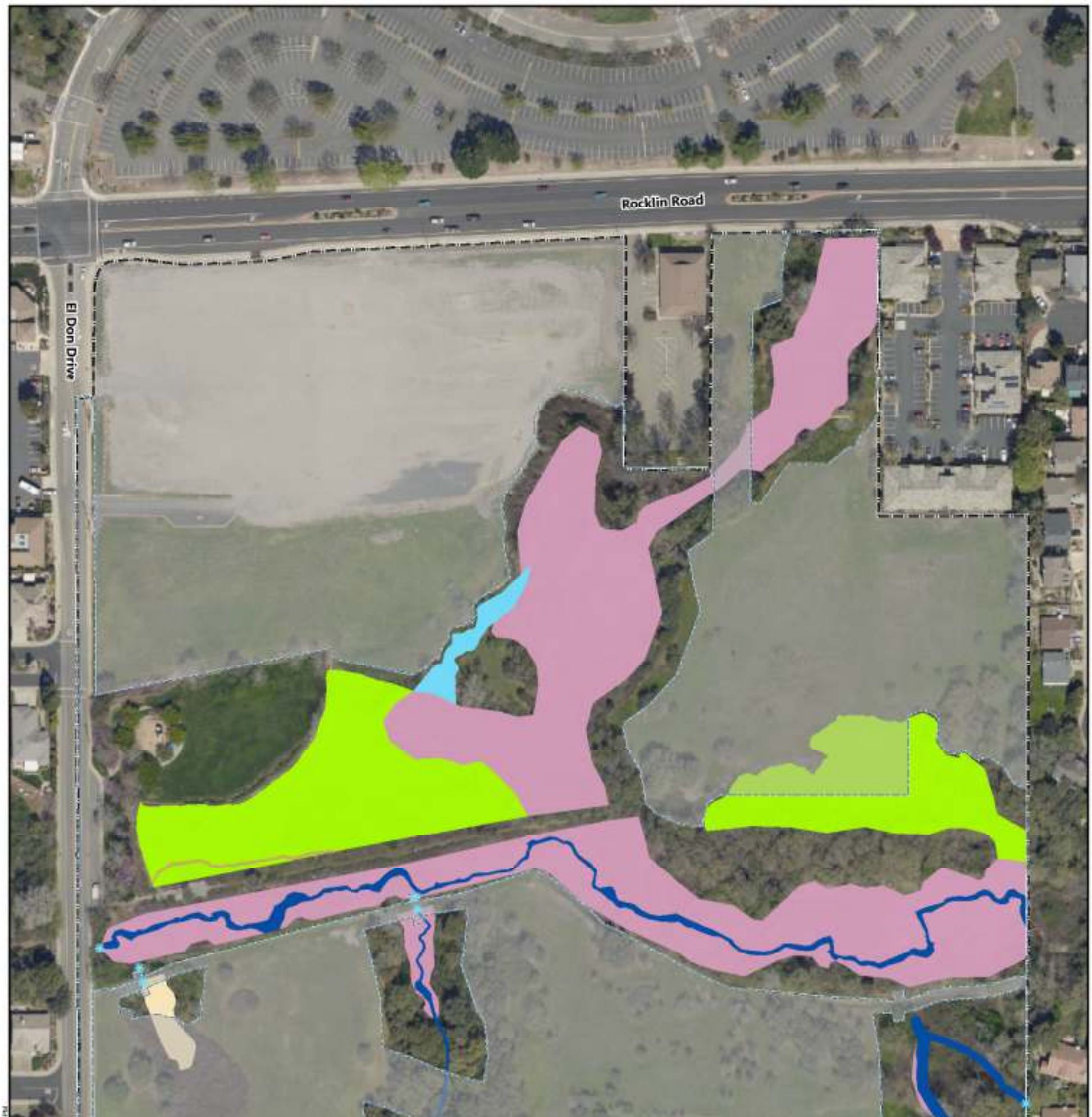
Aerial Base: City of Rocklin, 19 April 2018



Figure 8
Natural Resources Conservation Service Soils

College Park
Rocklin, Placer County, California

Soil Survey Source: *USDA, Soil Conservation Service.*
Soil Survey Geographic (SSURGO) database for Placer County, California, Western Part
Aerial Source: City of Rocklin, 19 April 2018



IMPACTS TO AQUATIC RESOURCES

Aquatic Resources	Impacted		Avoided		Total Acreage	Total Linear Feet
	(acres)	(linear feet)	(acres)	(linear feet)		
Riparian Wetland	0.061	-	5.014	-	5.075	-
Seasonal Wetland	0.398	-	2.197	-	2.595	-
Seasonal Wetland Swale	0.000	-	0.133	-	0.133	-
Seep	0.069	-	0.036	-	0.105	-
Ditch	0.000	0	0.020	307	0.020	307
Perennial Creek	0.008	78	0.396	2,392	0.405	2,470
Total:	**0.536**	**78**	**7.797**	**2699**	**8.333**	**2,777**

N

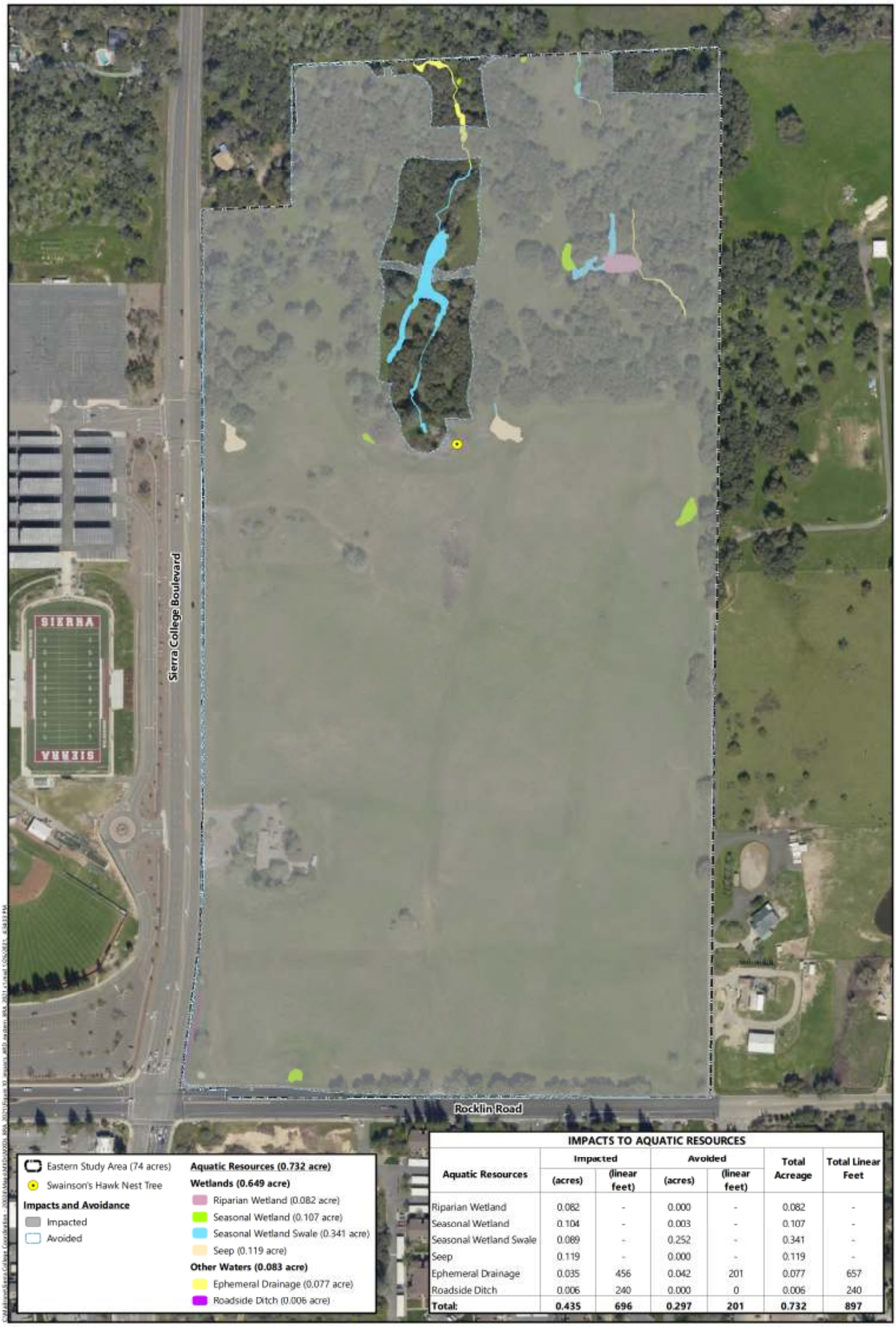
Feet
0 75 150

Aerial Base: City of Rocklin, 19 April 2018

Figure 9
Aquatic Resources Impacts
Western Study Area

College Park
Rocklin, Placer County, California

MADRONE ECOLOGICAL CONSULTING



IMPACTS TO AQUATIC RESOURCES

Aquatic Resources	Impacted		Avoided		Total Acreage	Total Linear Feet
	(acres)	(linear feet)	(acres)	(linear feet)		
Riparian Wetland	0.082	-	0.000	-	0.082	-
Seasonal Wetland	0.104	-	0.003	-	0.107	-
Seasonal Wetland Swale	0.089	-	0.252	-	0.341	-
Seep	0.119	-	0.000	-	0.119	-
Ephemeral Drainage	0.035	456	0.042	201	0.077	657
Roadside Ditch	0.006	240	0.000	0	0.006	240
Total:	**0.435**	**696**	**0.297**	**201**	**0.732**	**897**

Figure 10
Aquatic Resources Impacts
Eastern Study Area

College Park
Rocklin, Placer County, California

Aerial Base: City of Rocklin, 19 April 2018



IMPACTS TO VEGETATION COMMUNITIES

Vegetation Communities	Impacted (acres)	Avoided (acres)	Total Acreage*
Annual Brome Grassland	10.4	0.9	11.3
Developed	5.8	0.7	6.5
Himalayan Blackberry Bramble	0.6	0.5	1.1
Oak Savannah	1.0	0.2	1.2
Oak Woodland	1.4	0.8	2.2
Park	0.0	1.5	1.5
Riparian Woodland	0.4	3.5	3.9
Ruderal	0.1	0.1	0.2
Total:	**19.7**	**8.2**	**27.9**

*Small sumation errors may occur due to rounding.

N

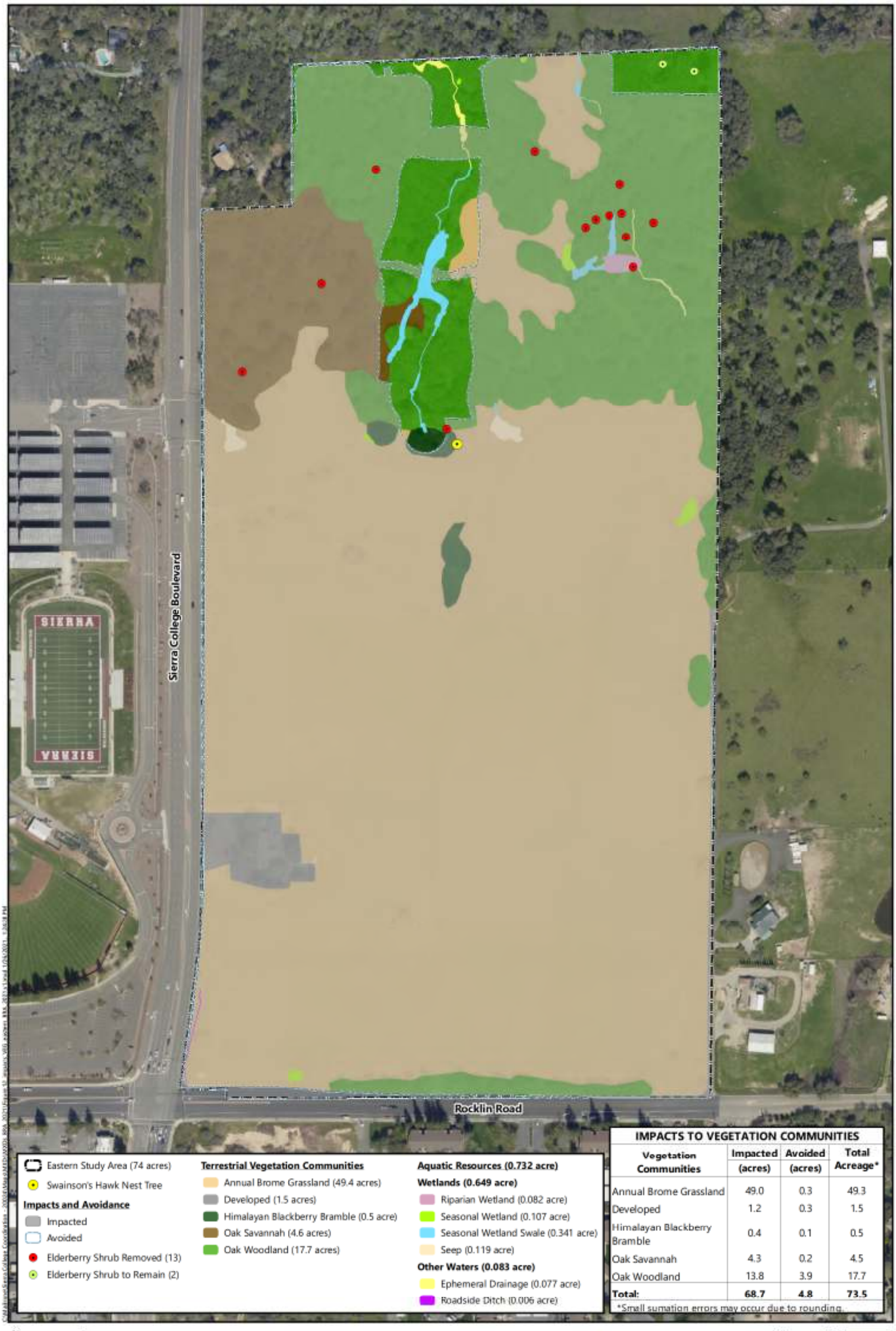
Feet
0 75 150

Aerial Base: City of Rocklin, 19 April 2018

Figure 11
Land Cover Impacts
Western Study Area

College Park
Rocklin, Placer County, California

MADRONE ECOLOGICAL CONSULTING



IMPACTS TO VEGETATION COMMUNITIES

Vegetation Communities	Impacted (acres)	Avoided (acres)	Total Acreage*
Annual Brome Grassland	49.0	0.3	49.3
Developed	1.2	0.3	1.5
Himalayan Blackberry Bramble	0.4	0.1	0.5
Oak Savannah	4.3	0.2	4.5
Oak Woodland	13.8	3.9	17.7
Total:	**68.7**	**4.8**	**73.5**

*Small sumation errors may occur due to rounding.

N

Feet
0 110 220

Aerial Base: City of Rocklin, 19 April 2018

Figure 12
Land Cover Impacts
Eastern Study Area

College Park
Rocklin, Placer County, California

Attachments

Attachment A. IPaC Trust Resource Report for the Study Areas

Attachment B. CNPS Inventory of Rare and Endangered Plants Query for the "Rocklin, California" USGS Quadrangle and Eight Surrounding Quadrangles

Attachment C. Wildlife List

Attachment D. Letter to USFWS Regarding College Park Site A Section 10 Assessment

Attachment E. College Park Oak Tree Mitigation Plan

Attachment A

IPaC Trust Resource Report for the Study Areas

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Placer County, California



Local office

Sacramento Fish And Wildlife Office

(916) 414-6600
(916) 414-6713

Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

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1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Reptiles

NAME	STATUS

Giant Garter Snake Thamnophis gigas — Threatened
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/4482

Amphibians

NAME	STATUS
California Red-legged Frog Rana draytonii	Threatened

Wherever found
There is **final** critical habitat for this species. The location of the critical habitat is not available.
https://ecos.fws.gov/ecp/species/2891

Fishes

NAME	STATUS
Delta Smelt Hypomesus transpacificus	Threatened

Wherever found
There is **final** critical habitat for this species. The location of the critical habitat is not available.
https://ecos.fws.gov/ecp/species/321

Insects

NAME	STATUS
Valley Elderberry Longhorn Beetle Desmocerus californicus dimorphus	Threatened

Wherever found
There is **final** critical habitat for this species. The location of the critical habitat is not available.
https://ecos.fws.gov/ecp/species/7850

Crustaceans

NAME	STATUS
Vernal Pool Fairy Shrimp Branchinecta lynchi	Threatened

Wherever found
There is **final** critical habitat for this species. The location of the critical habitat is not available.
https://ecos.fws.gov/ecp/species/498

Vernal Pool Tadpole Shrimp Lepidurus packardi — Endangered
Wherever found
There is **final** critical habitat for this species. The location of the critical habitat is not available.
https://ecos.fws.gov/ecp/species/2246

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Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

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BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

California Thrasher Toxostoma redivivum This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jan 1 to Jul 31
Common Yellowthroat Geothlypis trichas sinuosa This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/2084	Breeds May 20 to Jul 31
Lawrence's Goldfinch Carduelis lawrencei This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9464	Breeds Mar 20 to Sep 20
Nuttall's Woodpecker Picoides nuttallii This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9410	Breeds Apr 1 to Jul 20
Oak Titmouse Baeolophus inornatus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9656	Breeds Mar 15 to Jul 15
Rufous Hummingbird selasphorus rufus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8002	Breeds elsewhere
Song Sparrow Melospiza melodia This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Feb 20 to Sep 5

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Spotted Towhee Pipilo maculatus clementae This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/4243	Breeds Apr 15 to Jul 20
Tricolored Blackbird Agelaius tricolor This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3910	Breeds Mar 15 to Aug 10
Yellow-billed Magpie Pica nuttalli This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9726	Breeds Apr 1 to Jul 31

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

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Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

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How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

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What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting

point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

FRESHWATER EMERGENT WETLAND

- PEM1A
- PEM1F

FRESHWATER FORESTED/SHRUB WETLAND

- PFOA
- PFOC

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A full description for each wetland code can be found at the National Wetlands Inventory website

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

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Attachment B

CNPS Inventory of Rare and Endangered Plants Query for the "Rocklin, California" USGS Quadrangle and Eight Surrounding Quadrangles

CNPS California Native Plant Society

*The database used to provide updates to the Online Inventory is under construction. View updates and changes made since May 2019 here.

Plant List

23 matches found. *Click on scientific name for details*

Search Criteria

California Rare Plant Rank is one of [1A, 1B, 2A, 2B, 3], Found in Quads 3812183, 3812182, 3812181, 3812173, 3812172, 3812171, 3812163 3812162 and 3812161;

Modify Search Criteria | Export to Excel | Modify Columns | Modify Sort | Display Photos

Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
Allium jepsonii	Jepson's onion	Alliaceae	perennial bulbiferous herb	Apr-Aug	1B.2	S2	G2
Balsamorhiza macrolepis	big-scale balsamroot	Asteraceae	perennial herb	Mar-Jun	1B.2	S2	G2
Calystegia stebbinsii	Stebbins' morning-glory	Convolvulaceae	perennial rhizomatous herb	Apr-Jul	1B.1	S1	G1
Carex xerophila	chaparral sedge	Cyperaceae	perennial herb	Mar-Jun	1B.2	S2	G2
Ceanothus roderickii	Pine Hill ceanothus	Rhamnaceae	perennial evergreen shrub	Apr-Jun	1B.1	S1	G1
Chlorogalum grandiflorum	Red Hills soaproot	Agavaceae	perennial bulbiferous herb	May-Jun	1B.2	S3	G3
Chloropyron molle ssp. hispidum	hispid bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	Jun-Sep	1B.1	S1	G2T1
Crocanthemum suffrutescens	Bisbee Peak rush-rose	Cistaceae	perennial evergreen shrub	Apr-Aug	3.2	S2?	G2?Q
Downingia pusilla	dwarf downingia	Campanulaceae	annual herb	Mar-May	2B.2	S2	GU
Fremontodendron decumbens	Pine Hill flannelbush	Malvaceae	perennial evergreen shrub	Apr-Jul	1B.2	S1	G1
Fritillaria eastwoodiae	Butte County fritillary	Liliaceae	perennial bulbiferous herb	Mar-Jun	3.2	S3	G3Q
Galium californicum ssp. sierrae	El Dorado bedstraw	Rubiaceae	perennial herb	May-Jun	1B.2	S1	G5T1
Gratiola heterosepala	Boggs Lake hedge-hyssop	Plantaginaceae	annual herb	Apr-Aug	1B.2	S2	G2
Juncus leiospermus var. ahartii	Ahart's dwarf rush	Juncaceae	annual herb	Mar-May	1B.2	S1	G2T1
Juncus leiospermus var. leiospermus	Red Bluff dwarf rush	Juncaceae	annual herb	Mar-Jun	1B.1	S2	G2T2
	dubious pea	Fabaceae	perennial herb	Apr-May	3	S1S2	G5T1T2Q

Lathyrus sulphureus var. argillaceus							
Legenere limosa	legenere	Campanulaceae	annual herb	Apr-Jun	1B.1	S2	G2
Navarretia myersii ssp. myersii	pincushion navarretia	Polemoniaceae	annual herb	Apr-May	1B.1	S2	G2T2
Orcuttia viscida	Sacramento Orcutt grass	Poaceae	annual herb	Apr-Jul(Sep)	1B.1	S1	G1
Packera layneae	Layne's ragwort	Asteraceae	perennial herb	Apr-Aug	1B.2	S2	G2
Sagittaria sanfordii	Sanford's arrowhead	Alismataceae	perennial rhizomatous herb (emergent)	May-Oct(Nov)	1B.2	S3	G3
Viburnum ellipticum	oval-leaved viburnum	Adoxaceae	perennial deciduous shrub	May-Jun	2B.3	S3?	G4G5
Wyethia reticulata	El Dorado County mule ears	Asteraceae	perennial herb	Apr-Aug	1B.2	S2	G2

Suggested Citation

California Native Plant Society, Rare Plant Program. 2020. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website http://www.rareplants.cnps.org [accessed 27 February 2020].

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Contributors
The Calflora Database
The California Lichen Society
California Natural Diversity Database
The Jepson Flora Project
The Consortium of California Herbaria
CalPhotos

Questions and Comments
rareplants@cnps.org

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Attachment C

Wildlife List

Wildlife Species Observed within The College Park Study Areas

Survey Dates: 28 April, 18, 25, and 26 May, and 2 June 2016;
22 February, 31 October, and 6 December 2017;
1 and 2 May, 11 and 12 June, and 11 and 24 December 2019;
and 8 and 22 January and 5 and 19 February 2020

Species Name	Common name
Birds	
Agelaius phoeniceus	Red-winged blackbird
Aphelocoma californica	California scrub-jay
Ardea alba	Great egret
Ardea herodias	Great blue heron
Baeolophus inornatus	Oak titmouse
Branta canadensis	Canada goose
Buteo lineatus	Red-shouldered hawk
Buteo swainsoni	Swainson's hawk
Callipepla californica	California quail
Calypte anna	Anna's hummingbird
Cathartes aura	Turkey vulture
Charadrius vociferus	Killdeer
Corvus brachyrhynchos	American crow
Elanus leucurus	White-tailed kite
Falco sparverius	American kestrel
Haemorhous mexicanus	House finch
Melanerpes formicivorus	Acorn woodpecker
Meleagris gallopavo	Wild turkey
Melospiza melodia	Song sparrow
Melozone crissalis	California towhee
Mimus polyglottos	Northern mockingbird
Pheucticus melanocephalus	Black-headed grosbeak
Psaltriparus minimus	Bushtit
Sayornis nigricans	Black phoebe
Sitta pygmaea	Pygmy nuthatch
Spinus tristis	American goldfinch
Sturnus vulgaris	European starling
Tachycineta bicolor	Tree swallow
Thryomanes bewickii	Bewick's wren
Turdus migratorius	American robin
Tyrannus verticalis	Western kingbird
Tyto alba	Barn owl
Zenaida macroura	Mourning dove

Wildlife Species Observed within The College Park Study Areas

Survey Dates: 28 April, 18, 25, and 26 May, and 2 June 2016;
22 February, 31 October, and 6 December 2017;
1 and 2 May, 11 and 12 June, and 11 and 24 December 2019;
and 8 and 22 January and 5 and 19 February 2020

Species Name	Common name
Reptiles and Amphibians	
Lithobates catesbeianus	American bullfrog
Pituophis catenifer	Gopher Snake
Pseudacris sierra	Sierran chorus frog
Mammals	
Lepus californicus	Black-tailed jackrabbit
Mephitis mephitis	Striped skunk
Sylvilagus audubonii	Desert cottontail
Fish	
Gambusia affinis	Mosquito fish

Attachment D

Letter to USFWS
Regarding College Park Site A
Section 10 Assessment

MADRONE ECOLOGICAL CONSULTING
8421 Auburn Blvd., Suite 248
Citrus Heights, CA 95610
www.madroneeco.com
(916) 822-3230

23 August 2021

Mr. Sam Sosa
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
Sacramento Valley Division
2800 Cottage Way, Room W-2605

Subject: College Park Site A Section 10 Assessment

Dear Mr. Sosa:

Thank you for your assistance and input on the College Park Site A Project. We are providing this letter as a follow-up to several phone conversations over the past few months regarding our assessment as to whether we will be seeking to obtain an Endangered Species Act Section 10 Incidental Take Permit and processing a Low-Effect Habitat Conservation Plan for the project.

Project Background

The College Park Site A project (Project) is located east of Sierra College Boulevard, north of Rocklin Road, and west of James Drive in Rocklin, California (**Figure 1**). The Project Area is located in Section 21, Township 12 North, and Range 7 East of the "Rocklin, California" USGS 7.5-minute quadrangle. The Project is a planned development featuring parks, open space and trails surrounded by residential uses.

The Project Area is occupied primarily by annual brome grassland on gently rolling terrain. The grassland portion of the site was historically an orchard. A small rural residential parcel occurs in the approximate center of the western edge. An oak woodland and oak savannah occupies the northern portion, which was historically mined. As a result of the historic mining, the terrain in this area is unnatural, with small pits and mounds scattered throughout. The oaks were also harvested multiple times historically, presumably for firewood. Surrounding properties to the north and east are large, rural residential properties with similar vegetation (oak woodland to the north and annual grassland to the east). Sierra College is just to the west and Rocklin Road to the south. During baseline biological surveys for the Project, it was noted that blue elderberry shrubs (*Sambucus nigra* ssp. *caerulea*) were present on the site. Therefore, consideration was given to the potential presence of the Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*, VELB), which is associated exclusively with elderberry (*Sambucus* species).

Vegetation Communities Present

Annual Brome Grassland

Annual brome grassland comprise the southern portion of the site. This vegetation community is dominated by soft brome (*Bromus hordeaceus*), ripgut brome (*B. diandrus*), yellow star-thistle (*Centaurea solstitialis*), elegant clarkia (*Clarkia unguiculata*), winter vetch (*Vicia villosa*), and smooth cat's ear (*Hypochaeris glabra*). Other species commonly occurring include filaree (*Erodium botrys*), hairy hawkbit (*Leontodon saxatilis*), wild oat (*Avena fatua*), perennial ryegrass (*Festuca perennis*), wall bedstraw (*Galium parisiense*), and rose clover (*Trifolium hirtum*). A few trees are scattered within this community as well.

Oak Woodland and Oak Savannah

Oak woodland or savannah comprises significant portions of the site and is where the elderberry shrubs are present. These oak woodlands are dominated by interior live oak (*Quercus wislizenii*), blue oak (*Q. douglasii*), and Valley oak (*Q. lobata*). A number of shrubs and other perennials occur in the understory, including poison-oak (*Toxicodendron diversilobum*), hoary coffeeberry (*Frangula californica* ssp. *tomentella*), blue elderberry (*Sambucus nigra* ssp. *caerulea*), chaparral honeysuckle (*Lonicera interrupta*), morning-glory (*Calystegia occidentalis*), Himalayan blackberry (*Rubus armeniacus*), and periwinkle (*Vinca major*). The oak woodlands typically have a relatively closed canopy which results in little to no herbaceous vegetation in the understory.

Oak savannahs were mapped where the oak canopy was estimated to be between 10% and 50%. The oak savannahs have very few shrubs in the understory, but as a result of the more open canopy, the herbaceous understory is well developed, and largely similar to the annual brome grassland described above.

Valley Elderberry Longhorn Beetle Status

As mentioned above, VELB is associated exclusively with elderberry (*Sambucus* species) shrubs in the Central Valley and foothills during its entire 2-year life cycle. Following egg-laying, larvae bore into the elderberry stems and feed upon the pith. They emerge through a round exit or emergence hole upon completion of this life stage. They are associated with elderberry stems and trunks that are greater than one inch in diameter at ground level. The U.S. Fish and Wildlife Service (USFWS) considers all elderberry shrubs containing stems greater than one inch in diameter at ground level as potential VELB habitat. VELB most commonly occur in areas within, or near, some type of riparian corridor containing other woody plant species such as willow (*Salix* spp.), cottonwood (*Populus fremontii* ssp. *fremontii*), wild grape (*Vitis californica*), and box elder (*Acer negundo*). Population densities of the VELB are probably naturally low (USFWS 1984), and it has been suggested based on the spatial distribution of occupied shrubs, that the VELB has limited dispersal capabilities. Talley et al. (2007) found that much of the time, distances between stems with exit holes averaged 25-50 meters (65-165 feet) apart. At larger scales, average distances between these occupied clumps ranged from 200 meters (656 feet) up to 800 meters (2,625 feet). Isolated, non-riparian elderberry clumps are less likely to be occupied or become colonized by VELB and those beyond 800 meters (2,526 feet) from the nearest elderberry clump become increasingly less likely to be occupied (USFWS 2017).

It should be noted that there are two subspecies of elderberry longhorn beetles: the VELB, and the California elderberry longhorn beetle (*Desmocerus californicus californicus*, CELB). CELB are more common and widely distributed than VELB (USFWS 2014). CELB exit holes and adult female beetles are indistinguishable from those of VELB; only adult male beetles can be used to distinguish between the two (USFWS 2019).

The VELB is federally listed as threatened. Critical habitat was designated by the USFWS on 8 August 1980 (45 Federal Register [FR] 52803). On 22 October 2012 the USFWS issued a proposed rule to remove the designation of the VELB as a threatened species; however, on 29 August 2014 the USFWS formally withdrew the proposed rule (79 FR 55879). The Project is not located within critical habitat for the VELB (USFWS 1980).

VELB Surveys and Regionally Known Occurrences

Madrone biologists originally surveyed the entire Project Area for elderberry shrubs on 18, 25, and 26 May 2016; 2 June 2016; 22 February and 31 October 2017. Only one of the 15 shrubs exhibited the characteristic exit holes of the CELB/VELB on a dead stem. The Project Area was resurveyed for elderberry shrubs and VELB evidence on 14 October 2020. The survey results were consistent with the results of the prior surveys. No additional shrubs were found, and no exit holes were found. One shrub could not be relocated, likely due to the substantial amount of vegetation in the area or the timing of the survey.

A review of the CNDDB indicates that the nearest documented occurrence of VELB in the CNDDB (Occurrence #86) is within 800 meters; however, this occurrence documents only exit holes, which are indistinguishable from those of CELB (CNDDB 2021). Seven additional CNDDB occurrences of VELB are within 10 miles of the Project Area, but all are documentation of exit holes only. The nearest verifiable VELB occurrences (CNDDB Occurrences 295 and 296) are located approximately 10.2 miles away, along the American River (CNDDB 2021).

The Project may result in potential impacts to a total of 13 elderberry shrubs as a result of transplantation. One of those elderberry shrubs exhibited exit holes characteristic of CELB/VELB presence in a dead stem during the 2017 survey; however, no exit holes could be located on any of the shrubs during the 2020 re-survey. Given the distance to the nearest verified occurrence of the species, and the lack of any evidence of current elderberry longhorn beetle use of the shrubs within the Project Area, we believe the shrubs located within the Project Area are currently unoccupied by the VELB. As such, it is very unlikely that the transplantation of these shrubs would result in the take of any VELB.

Potential for Take of VELB

As mentioned above, VELB are listed as threatened under the federal Endangered Species Act (FESA). They have no state (CA) listing. Legal take of VELB would typically be permitted through either a FESA Section 7 Consultation resulting in a biological opinion to another involved federal agency or a Section 10 incidental take permit resulting from direct consultation between the USFWS and an applicant. There is no opportunity for Section 7 consultation on this Project. As a result, the Project proponent utilized the 26 April 2018 guidance from the United States Department of the Interior regarding when to seek an incidental take permit under Section 10(a)(1)B of FESA (**Attachment A**). The guidance memo outlines that an incidental take permit is needed in situations where a nonfederal project such as this Project is "likely", which is further

defined as "reasonably certain", to result in take of a listed fish or wildlife species. The guidance memo also outlines the definition of terms such as take, harm, and harass.

A questionnaire attached to the guidance memo lists six questions designed to assist potential applicants in determining whether or not a take permit should be obtained. We have provided these questions and the answers for this Project, below. Biological analyses of the Project site have determined that no FESA listed species other than VELB have any potential for being present on the Project site, and therefore this analysis focuses exclusively on the whether a take permit should be obtained for VELB in particular.

1. *Keeping in mind that the ESA does not apply to take of plants incidental to otherwise lawful activities, are there ESA listed species present in the area where your activity will occur or will they be present at some point in the duration of your activity?*

   Answer:
   Based on the following information, the data indicate that VELB do not currently occupy the elderberry shrubs on the Project site.
   - Multiple surveys of the elderberry shrubs present on the Project site resulted in only one potential exit hole in a dead stem of one shrub. This hole cannot be conclusively shown to be the result of VELB. The most recent of the surveys identified no potential exit holes on any shrubs, indicating that VELB currently are not present on the Project site.
   - The Project site consists of annual grassland and second or third growth oak woodland after historic mining activities, not extensive riparian habitat preferred by VELB.
   - The nearest verifiable occurrence of the species is along the American River more than 10 miles away.
   - The site has been significantly disturbed by past land use activities.

2. *Is it likely that any of these listed species will be exposed to activities (or the results of your activity) during any of the various phases your activity (construction, operation, maintenance, etc.)?*

   Answer:
   Given the above distributional, habitat, and survey-based information, it is very *unlikely* that VELB would be exposed to Project activities during any of the phases of the Project activities, and this is because it is very unlikely that VELB are present on the Project site.

3. *If your activity overlaps with the listed species at some point of its duration, will that exposure likely result in any of the following actions to the listed species: pursuing, hunting, shooting, wounding, killing, trapping, capturing, or collecting or attempting to engage in any such conduct? Keep in mind that some of these definitions most likely only apply to purposeful take (e.g. hunting, shooting).*

Answer:
Because it is very unlikely that VELB are present on the Project site, it is very unlikely that the Project activity will overlap with VELB at any point of its duration.

4. *Is your activity likely to harass a listed species? To answer this question ask whether your activity, through an intentional or negligent act or omission, is likely to annoy the listed species to such an extent as to cause an injury to the species by significantly disrupting normal behavior patterns (e. g. breeding, feeding or sheltering, etc.)?*

Answer:
Because it is very unlikely that VELB are present on the Project site, it is very unlikely that the Project activity will harass VELB.

5. *Is your activity likely to result in an act that actually injures or kills a listed species?*

Answer:
Because it is very unlikely that VELB are present on the Project site, it is very unlikely that the Project activity will result in an act that actually injures or kills a listed species.

6. *Is your activity likely to harm a listed species through habitat modification? To answer this question, ask:*
   a. *Is my activity likely to result in significant habitat modification or degradation?*

Answer:
The Project proposes the transplantation of elderberry shrubs, which serve as habitat for VELB, to an open space area within the overall Project Area. Given that VELB are very unlikely to be present in these shrubs, and that in any event the shrubs will be transplanted rather than destroyed, the Project activity is very unlikely to result in significant habitat modification or degradation.

   b. *Will that modification or degradation significantly impair essential behavior patterns, including breeding, feeding, or sheltering?*

Answer:
Given the answer to a., above, no.

   c. *As a result of a. and b. above, is it likely there will be an actual injury or death to a listed species?*

Answer:
Given the answer to a. and b., above, no.

Conclusion

After speaking with you, utilizing the 26 April 2018 guidance from the United States Department of the Interior regarding when to seek an incidental take permit under Section 10(a)(1)B of FESA, and in consideration of the quality of habitat present, the land use history of the site, the absence of nearby confirmed occurrences of VELB, and the lack of clear evidence of elderberry shrub use by VELB, the project proponent has chosen not to seek an incidental take permit from the USFWS.

Nonetheless, and even though the data indicate the elderberry shrubs present on the Project site are currently unoccupied by VELB, the Project includes transplantation of the 13 elderberry shrubs that could be impacted during construction. The Project proponent also proposes to implement the following measures to avoid and minimize potential effects of the Project on the elderberry shrubs located within the project area:

- Fence and flag the elderberry shrubs that can be avoided during construction.
- Provide a worker environmental awareness-training program for construction and maintenance personnel explaining the importance of oak woodlands, and how elderberry shrubs are an important part of those habitats.
- Implement dust control measures during construction so that excessive dust does not harm elderberry shrubs.

If you have any questions or require additional information, please contact me at (916) 822-3230, or at svonderohe@madroneeco.com.

Sincerely,

Sarah VonderOhe

Sarah VonderOhe
Principal

Attachments

References

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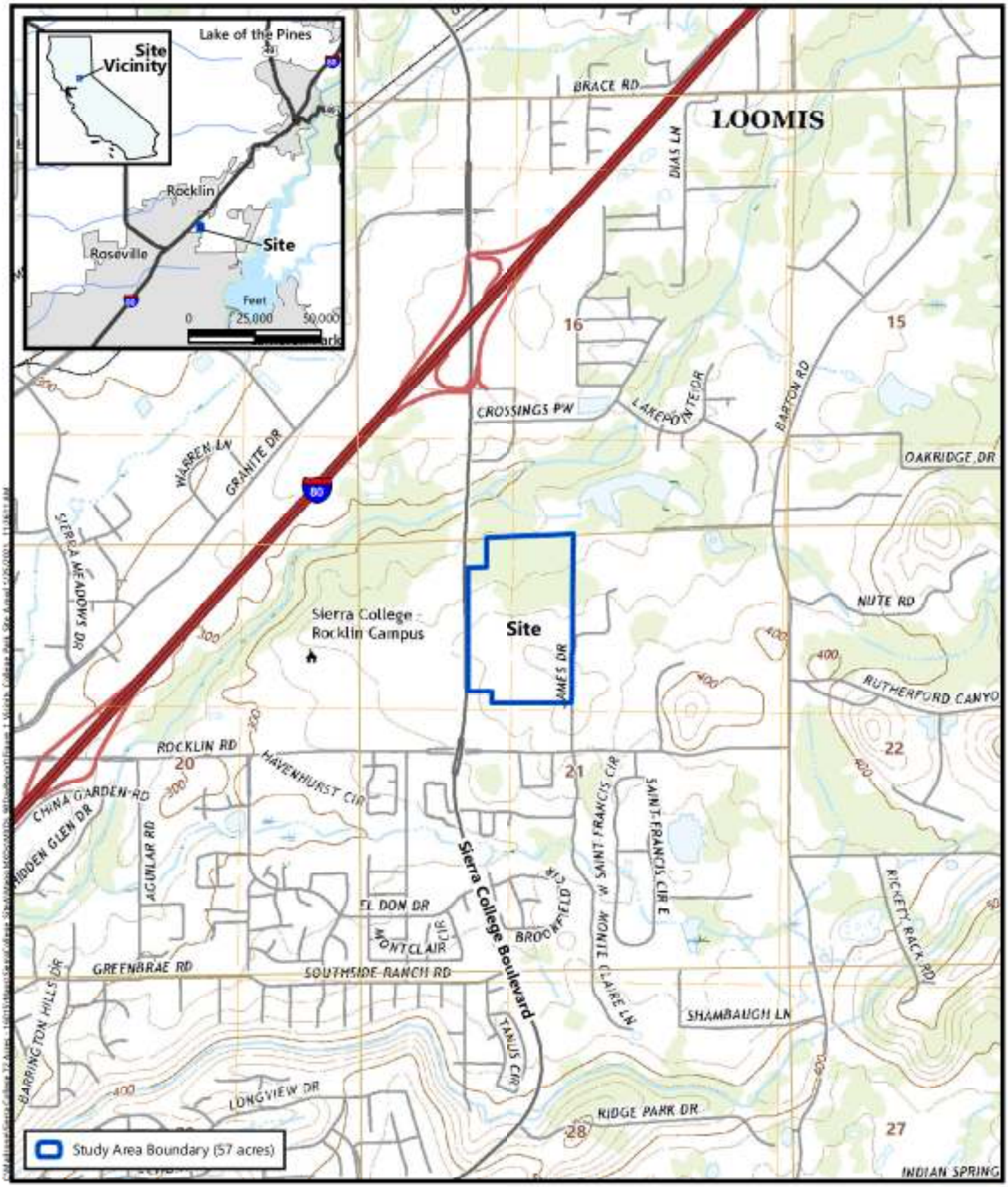
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Source: United States Geologic Survey, 2018.
"Rocklin, California" 7.5-Minute Topographic Quadrangle
Section 21, Township 12 North, Range 7 East, MDB&M
UTM: 656037E / 4295333N

Figure 1
Site and Vicinity

College Park, Site A
Rocklin, Placer County, California

Attachment E

College Park
Oak Tree Mitigation Plan

College Park
Oak Tree Mitigation Plan
February 16, 2021

The following oak tree mitigation plan addresses impacts to oak woodlands resulting from the proposed College Park project in the City of Rocklin.

1. College Park Project

The College Park project (project) is a proposed Planned Development (PD) featuring parks, open space, and trails with residential and mixed-use (retail, office, medical, institutional, residential uses) villages. The project area is 107.2 acres and comprises two sites approximately one-quarter mile apart on the Rocklin Road corridor in the City of Rocklin (City). The 71.4-acre North Village is on the northeast corner of Rocklin Road and Sierra College Boulevard and consists of APNs 045-150-023, -048, and -052. The 35.8-acre South Village is at the southeast corner of Rocklin Road and El Don Drive and consists of APNs 045-131-001 and -003. The Sierra Joint Community College District (District) owns the properties.

2. Regulatory Framework

Oak Tree Preservation Ordinance. The Rocklin Oak Tree Preservation Ordinance (Tree Ordinance), Chapter 17.77 of the City of Rocklin Municipal Code, protects native oaks. These policies regulate removing protected trees and the encroachment of construction activities into the trees' protected zones. Protected trees include any oak tree native to the Rocklin area with a diameter at breast height (DBH) of six inches or greater. Heritage oaks are defined as oaks native to the Rocklin area with a DBH of 24 inches or greater that deserve special consideration.

Ordinance Sections 17.77.030 and 17.77.050 prohibit removing oak trees without the issuance of a permit. They require that the preservation and removal of healthy oak trees from undeveloped property be governed by the guidelines adopted under Section 17.77.100.

The following requirements of Section 17.77.080.B apply to mitigation calculations for the project:

- Where more than twenty percent of the trunk diameter at breast height (TDBH) of all the surveyed oak trees *or* more than twenty percent of the total number of surveyed oak trees on the property are to be removed, each inch of TDBH removed over twenty percent of the TDBH of all the surveyed oak trees shall be replaced with an equal number of inches of TDBH of replacement trees, but in no event shall the number of replacement trees be less than twice the number of trees removed.

Oak Tree Preservation Guidelines. The Oak Tree Preservation Guidelines (2006) (Oak Guidelines) were adopted as required by Section 17.77.100 of the Rocklin Municipal Code, as part of the Oak Tree Preservation Ordinance. In the Oak Guidelines, protected trees include any oak tree native to the Rocklin area with a TDBH of six inches or greater. The diameter of multi-trunked trees is the TDBH of the largest trunk only. Options for mitigation, such as on- or off-site tree replacement and fee payment, are described in Section III.D of the Oak Guidelines.

3. Tree Inventories and Counts

Tree Inventories. California Tree and Landscaping Consulting, Inc. conducted inventories of oak trees proposed for removal with the project. The tree inventories prepared from March 2017 to June 2020 identified all oak trees within fifty feet of the limits of proposed project development, including the type, size, and condition of all single-stem (greater than 6 inches diameter at breast height (dbh)) and multi-stem (greater than 10 inches DBH) oak trees, as well as heritage oaks. Oak trees included in the inventories are marked in the field with a metal number tag corresponding to the inventory numbers.

Appendices A and B contain inventories of oak trees within the project development footprint. The inventories include species, size, and health data for each oak tree. Three inventories were prepared:

- North Tree Inventory Summary, April 10, 2020
- South Tree Inventory Summary, July 1, 2017
- South C2 Tree Inventory Summary, November 20, 2019

Oak Tree Counts. In addition to the oak tree inventories described above, oak trees that will be preserved (in parks and open space) were counted using field visits (2020) and aerial photography. Together, the oak tree inventories and tree counts account for the oak trees on the project site.

4. Pre-Development Oak Tree Resources

Several patches of oak woodland occur throughout the project. The live oak woodland is dominated by interior live oak, blue oak, and Valley oak. Shrubs and other perennials occur in the understory, including poison oak, hoary coffeeberry, blue elderberry, chaparral honeysuckle, morning-glory, Himalayan blackberry, and periwinkle. The oak woodlands typically have a relatively closed canopy, resulting in little to no herbaceous vegetation in the understory. Many trees are second and third-growth interior live oaks, and many are sprouts originating from previously harvested cut stumps. Inherent defects in the second and third-growth oak trees limit their longevity and structural integrity. Photos of the site are contained in Appendix D.

Oak trees on the North Village and South Village sites were once part of a sizeable riparian woodland extending west beyond Interstate 80. Over time, the woodland was fragmented by Sierra College Boulevard, Rocklin Road, and urbanization. The woodland has a very-low recruitment of sapling oak trees, which is a common occurrence in degraded woodlands subject to grazing or that have not been burned regularly due to fire suppression. Historic mining, grazing, and rural development on the project site have also affected the woodland by introducing non-native grasses and irregular terrain. Past practices of firewood harvesting were common in this area.

Tree Resources - Canopy. Tree canopy covers nearly one-quarter (24.7 acres) of the 107.2-acre project site, as shown in Figures 1 and 2. In the North Village, the woodland canopy is concentrated in the north-central portion of the site, with scattered trees on the east and south property lines. On the north portion of the North Village, the woodland extends from Sierra College Boulevard to the east of the property.

In the South Village, the tree canopy is in the central portion of the site, extending north to Rocklin Road and south to the property line.

Table 1: Pre-Development Tree Canopy

	North Village	South Village	Project Total
Project Area	71.4 acres	35.8 acres	107.2 acres
Existing Canopy	18.6 acres	6.1 acres	24.7 acres
Canopy as Percentage of Project Area	26.1%	17.0%	23.0%

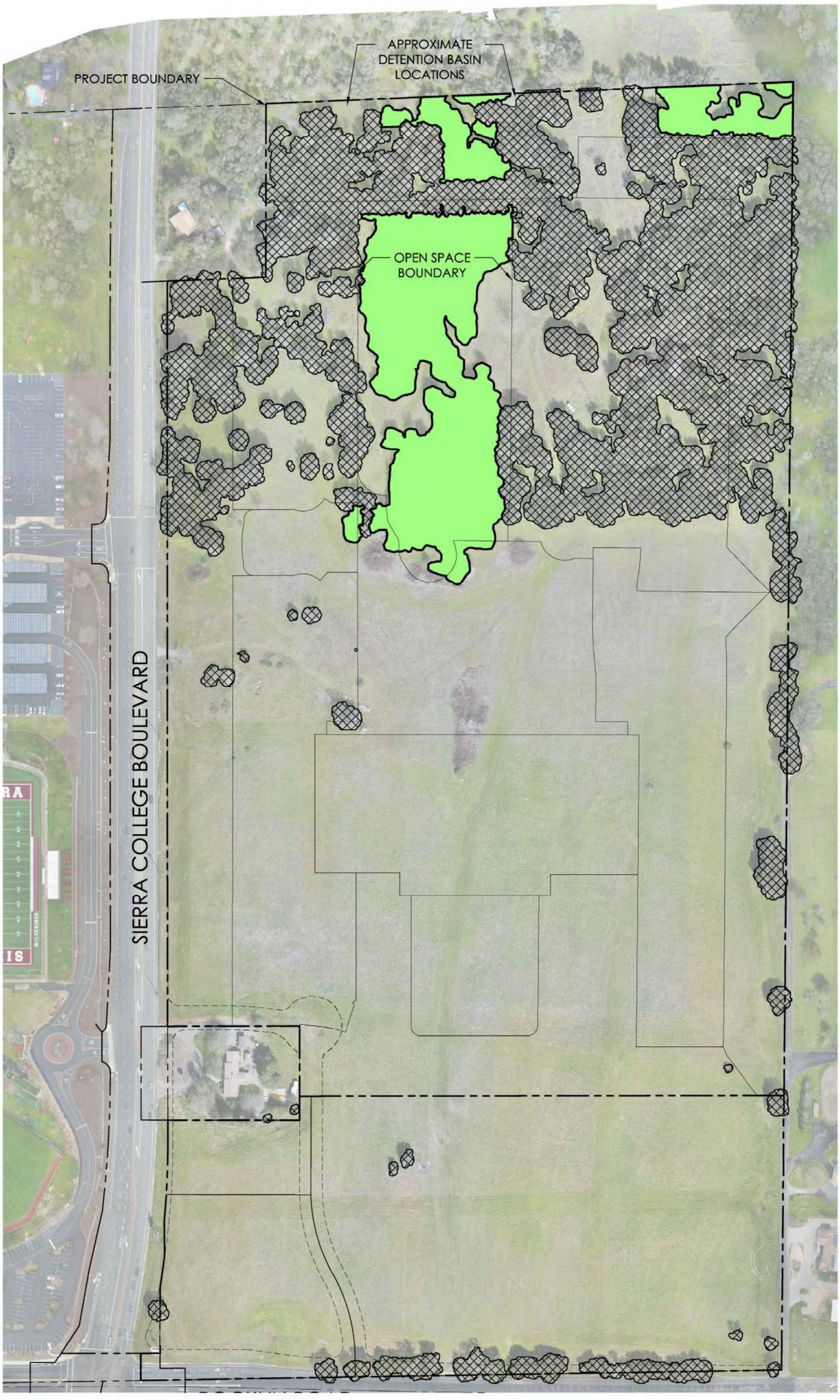
Figure 1

CANOPY IMPACT EXHIBIT

COLLEGE PARK NORTH

CITY OF ROCKLIN, CALIFORNIA

FEBRUARY 2021



LEGEND

TOTAL CANOPY
18.61± ACRES

IMPACTED CANOPY
14.07± ACRES

PRESERVED CANOPY
4.54± ACRES

AERIAL FLOWN ON MARCH 12, 2018

0 200 100 400

NORTH

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
4670 WILLOW ROAD STE 125 TEL 925.847.1556
PLEASANTON, CA 94588 FAX 925.847.1557

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Figure 2

CANOPY IMPACT EXHIBIT

COLLEGE PARK SOUTH

CITY OF ROCKLIN, CALIFORNIA

FEBRUARY 2021



LEGEND

	TOTAL CANOPY	6.07± ACRES
	IMPACTED CANOPY	2.54± ACRES
	PRESERVED CANOPY	3.53± ACRES

AERIAL FLOWN ON MARCH 30, 2018

NORTH

0 100 200 400

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
4670 WILLOW ROAD STE 125 TEL 925.847.1556
PLEASANTON, CA 94588 FAX 925.847.1557

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Tree Resources - Oak Inches. The 24.7 acres of live oak woodland canopy comprises approximately 19,892 total inches of oak trees shown in Table 2. Over 95 percent of the woodland is comprised of oaks, including a mix of interior live oak (86% of oaks), blue oak (9%), and valley oak (5%). The average diameter of the oak trees is approximately 9.4 inches, and single-stem trees account for less than half (46%) of the woodland.

Table 2: Pre-Development Oak Tree Inventory

	Single-Stem Oaks (46%)		Multi-Stem Oaks (54%)		Total Oaks			
	Oaks	Inches	Oaks	Inches	Oaks	Percent	Inches	Percent
North Village – Inside Development Footprint								
Valley Oak	10	159	0	0	10	1%	159	1%
Blue Oak	99	969	30	294	129	9%	1,263	10%
Interior live oak	500	4,521	742	6,814	1,242	90%	11,335	89%
	609	5,649	772	7,108	1,381	100%	12,757	100%
South Village – Inside Development Footprint								
Valley Oak	52	496	11	98	63	35%	594	35%
Blue Oak	3	69	5	32	8	5%	101	6%
Interior live oak	52	462	55	521	107	60%	983	59%
	107	1,027	71	651	178	100%	1,678	100%
North and South Villages - Total Inside Development Footprint[1]								
Valley Oak	62	655	11	98	73	5%	753	5%
Blue Oak	102	1,038	35	326	137	9%	1,364	9%
Interior live oak	552	4,983	797	7,335	1,349	86%	12,318	86%
Subtotal	716	6,676	843	7,759	1,559	100%	14,435	100%
Oak Trees Outside Development Footprint (Park and Open Space)[2]								
North Village – Park/OS	206	1,978	242	2,322	448		4,300	
South Village – OS	48	566	55	591	103		1,157	
Subtotal	254	2,544	297	2,913	551		5,457	
Total Oak Trees on Site	970	9,220	1,140	10,672	2,110		19,892	

[1] Oak trees in the development footprint were inventoried (Appendices A and B).

[2] Oak trees outside of the development footprint (parks and open space) were counted because the trees on these parcels will be preserved. Oaks in these areas were counted during field visits (2020) using aerial photography, survey data, and tree density data.

5. Arborist's Recommendation for Removals

Of the 1,559 oak trees within the development footprint, 10.6% (166 oak trees) are recommended by the arborist for removal due to significant defects such as decay, callousing, trunk wounds, or excessive deadwood. Oaks recommended for removal are identified in the surveys in Appendices A and B. In Table 3, the total number of oak trees in the development footprint is reduced to reflect the arborist's recommended removals.

Table 3: Pre-Development Oak Tree Inventory
with Arborist's Recommended Removals

		Single-Stem Oaks		Multi-Stem Oaks		Total Oaks	
		Oaks	Inches	Oaks	Inches	Oaks	Inches
Inside Development Footprint							
Total Oak Trees Inside Development Footprint	Table 2	716	6,676	843	7,759	1,559	14,435
Less Arborist's Removals	Surveys	75	705	91	950	166	1,655
	Subtotal	641	5,971	752	6,809	1,393	12,780
Outside Development Footprint							
Total Oak Trees Outside Development Footprint	Table 2	254	2,544	297	2,913	551	5,457
Total Oak Trees after Arborist Removals		895	8,515	1,049	9,722	1,944	18,237

6. Tree Preservation

The proposed project land plan is designed to reduce impacts on natural resources, including oak woodlands. In the past, the North Village's woodland canopy was fragmented from oak woodlands previously located west of Sierra College Boulevard. Neighborhood park and open space uses (13 acres) planned on the north and central portions of the North Village site will retain oak woodlands and avoid impacts on ephemeral drainages and seasonal swales. Trees in the park and open space parcels will maintain the woodland resource adjacent to Secret Ravine Creek.

Tree Preservation - Canopy. Approximately 24% of the tree canopy will be preserved in the North Village. The tree canopy on the South Village is disconnected from adjacent woodlands north of the site by Rocklin Road and south of the site by a subdivision. With the proposed project, 58% of the canopy on the South Village will be retained, and the canopy extending east will be uninterrupted. Figures 1 and 2 depict the preserved canopy.

Table 4: Preserved Tree Canopy (acres)

		North Village	South Village	Project Total
1	Project Area	71.4	35.8	107.2
2	Existing Canopy	18.61	6.07	24.68
3	Preserved Canopy	4.54	3.53	8.07
4	Percentage of Existing Canopy Preserved	24%	58%	33%

7. Tree Impacts

Tree Impacts - Canopy. Implementation of the project would impact 16.61 acres of the tree canopy. The project's large lot tentative map was overlaid on aerial photography of the site to measure the canopy affected. The area (acreage) of the tree canopy was inflated by ten percent to account for discrepancies in photo interpretation and trees that straddle development footprint limits, as shown in Table 5. With the ten percent contingency, the project would impact 18.27 acres of canopy.

Table 5: Tree Canopy Impacts (acres)

			North Village	South Village	Project Total
1	Project Area		71.4	35.8	107.2
2	Existing Canopy		18.61	6.07	24.68
3	Preserved Canopy	Line 3 Table 4	4.54	3.53	8.07
Impacted Canopy					
4	Impacts to Canopy	(Line 2 – Line 3)	14.07	2.54	16.61
5	Canopy Contingency	(10% of Line 4)	1.41	0.25	1.66
6	Total Canopy Impact	(Line 4 + Line 5)	15.48	2.79	18.27

Tree Impacts – Inches. The impacted live oak woodland canopy contains 1,393 oak trees (12,780 ADI) after the arborist's recommended removals.

Table 6: Project Oak Tree Impacts

	Single-Stem Oaks (46%)		Multi-Stem Oaks (54%)		Total Oaks	
	Trees	Inches	Trees	Inches	Trees	Inches
Valley oak	62	655	11	98	73	753
Blue oak	102	1,038	34	319	136	1,357
Interior live oak	477	4,278	707	6,392	1,184	10,670
Total Oak Tree Removal	641	5,971	752	6,809	1,393	12,780

Heritage Trees. Of the oak trees proposed for removal, 16 (466 inches) are heritage oak trees.

8. Mitigation Required

Options to mitigate impacts to oak trees, such as on-site or off-site oak tree replacement and fee payment, are described in Section III.D of the Oak Guidelines. As an alternative to planting replacement trees, the Oak Guidelines identify off-site mitigation as an option for mitigating oak tree impacts. The off-site locations permitted include City-owned property, property owned and approved by other public agencies, and privately-owned property, provided that a maintenance plan and agreement are developed and approved.

Oak Tree Replacement Requirement. The project requires removing 12,780 oak tree inches (Table 6), which exceeds 20% of the TDBH of the project (18,237 (Table 3)). The project requires removing 1,393 oak trees (Table 6) which exceeds 20% of the total number of oak trees (1,944 trees (Table 3)) on the site. Section III.D.3 of the Oak Guidelines outlines the following formula to calculate replacement inches:

Table 7: Tree Replacement Calculation

1	Oak Trees on Project Site – Total Inches	Table 3	18,237
2	Oak Trees for Removal – Total Inches	Table 6	12,780
3	Discount – Diameter Inches	20% of Line 1	- 3,648
4	Replacement Oak Trees Required – Total Inches	Line 2 - Line 3	9,132

Under the tree replacement method, the project must provide 9,132 inches of replacement oak trees to mitigate impacts to oak trees.

9. Mitigation Plan

Evolving Approaches to Oak Tree Mitigation. Most oak tree replacement programs involve planting acorns or container stock, installing irrigation systems, and monitoring and maintaining the site(s) until success criteria are met. Replacement oak trees are typically planted in various locations in a development project including, parks, roadway medians and landscape corridors, residential front yards, and commercial sites. Replacement plantings may result in thriving trees, but they are usually planted in locations that do not replace a woodland habitat that resembles the habitat removed. Replacement plantings are typically planted in areas (front yards, common areas) managed by individual homeowners or homeowners' associations where landscape contractors perform maintenance. Over time, many replacement planting efforts are unsuccessful at replacing the habitat because trees are planted in multiple locations and inadequately maintained.

Replacement plantings are land and water consumptive. Tree replacement planting requires installing irrigation systems and monitoring and maintaining the site(s) until the trees have grown to satisfy the mitigation obligation. Replacement planting attrition can be 30 to 50 percent until the success criteria are met. While established native oaks are drought tolerant and contribute to water conservation during drought cycles, establishing oaks in replacement planting requires a significant water volume. Because replacement tree plantings most often replace native oak trees only, the habitat created by replacement trees is not as diverse as the habitat impacted.

Although oak tree replacement plantings may satisfy mitigation requirements and result in more oak trees, replacement oaks are not effective in preserving the types of habitat that have triggered the mitigation. For instance, planting twenty one-inch oak trees in multiple residential front yards does not have the same ecological benefits as a single twenty-inch oak tree within a mature oak woodland. While single oak trees planted in urban settings may flourish and provide aesthetic benefits, stand-alone trees will not result in a mature oak woodland habitat with ecological complexity. For this reason, preserving oak woodland resources is favorable when compared to inch-by-inch oak tree replacement programs.

With a landscape mitigation approach to oak woodlands, the California Oak Woodlands Conservation Act (2001) established requirements for preserving and protecting oak woodlands and oak trees. Under SB 1334 in 2004, the California Public Resources Code was amended to require counties to evaluate in CEQA documents the impacts of projects on converting oak woodlands by evaluating tree canopy rather than inch-for-inch impacts.

Proposed Mitigation. The applicant proposes to mitigate the project's impacts on oak woodland by preserving a 22.5-acre site vegetated with an established and mature mixed oak riparian habitat (Mitigation Preserve).

Location. The Mitigation Preserve site is north and west of the Sierra College campus and south of Interstate 80, approximately one-quarter mile from the North Village and South Village of the project site, as shown in Figure 3. The site runs from the southwest to the northeast adjacent to Secret Ravine Creek.

Figure 3

OVERVIEW

COLLEGE PARK

CITY OF ROCKLIN, CALIFORNIA

DECEMBER 2020



WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
4670 WILLOW ROAD STE 125 TEL 925.847.1556
PLEASANTON, CA 94588 FAX 925.847.1557

J:\Jobs\3266_CollegePark_A\CollegePark_A-OA\Planning\Exhibits\COLLEGEPARK_PROPOSED-MITIGATION-AREA.dwg 12/4/2020 3:12 PM Sarah Butler

Conservation Easement. Owned by the District, the Mitigation Preserve site is neither protected by a conservation easement nor subject to the City's Oak Tree Preservation Ordinance. With the proposed project, a conservation easement will be recorded over the Mitigation Preserve site to preserve it in perpetuity. The City of Rocklin will hold the easement. It will be recorded no later than the recordation of the first final map (large lot or small lot), before issuance of the first grading permit, or before the construction of any on-site improvements, whichever occurs first.

Management. The Mitigation Preserve will be managed consistent with the College Park Mitigation Area Long Term Management Plan (LTMP). The LTMP will restrict uses and activities allowed within the easement and address monitoring and management activities. The District will be responsible for monitoring, maintaining, and managing the Mitigation Preserve with such responsibilities incorporated into its biology and environmental sciences curriculum. An endowment from the project will fund the management of the Preserve.

Vegetation. Vegetation on the Mitigation Preserve is primarily blue oak woodland with a narrow band of white alder riparian adjacent to Secret Ravine Creek. A few openings in the blue oak woodland along the northwest boundary are vegetated with non-native annual grasses. The oak woodland's canopy is dominated by blue oak, interior live oak, and California buckeye. Poison-oak covers approximately 20-30% of the understory. The herbaceous understory is comprised of a mix of non-native annual grasses and native and non-native forbs. The white alder riparian community occurs in a narrow band in the sandy floodplain areas adjacent to Secret Ravine Creek. Trees in this community occur primarily immediately adjacent to the creek.

Within the Dry Creek watershed, the woodland corridor is a valuable natural resource, and Secret Ravine Creek is salmon habitat essential to fall spawning and reproduction of Chinook salmon in addition to small species that utilize and depend on the woodland for habitat and cover[3].

Mitigation - Canopy. The Mitigation Preserve includes 22.5 acres of a mixed-riparian woodland tree canopy, and the project impacts 18.3 acres of live oak woodland canopy.

[3] Yoshiyama, R. M., F. W. Fisher, P. B. Moyle (1998). "Historical Abundance and Decline of Chinook Salmon in the Central Valley Region of California." North American Journal Fisheries Management 18: pp. 487-521.

Mitigation - Inches. The Mitigation Preserve site includes 1,014 trees and 12,688 inches, including 758 healthy native oak trees (9,420 aggregate diameter inches)[4]. Of the 1,014 trees on the Mitigation Preserve site, oak trees comprise 75%, and native species account for 95%.

Table 8: Mitigation Preserve Tree Inventory

Species	Single-Stem (69%)		Multi-Stem (31%)		Total	
	Trees	Inches	Trees	Inches	Trees	Inches
Oaks						
Blue oak	139	1,727	12	116	151	1,843
Interior live oak	344	4,109	209	2,378	553	6,487
Oracle oak	1	9	0	0	1	9
Valley oak	49	989	4	92	53	1,081
Oaks Subtotal	533	6,834	225	2,586	758	9,420
Non-Oaks						
Big leaf maple	2	35	2	39	4	74
Box elder	2	25	0	0	2	25
California buckeye	21	156	16	108	37	264
California black walnut	1	12	0	0	1	12
Catalpa	3	21	0	0	3	21
Cottonwood	11	286	2	43	13	329
Gray pine	6	170	0	0	6	170
Maple	1	14	0	0	1	14
Narrow leaf willow	1	11	0	0	1	11
Pacific willow	45	544	33	514	78	1,058
Pecan	1	13	0	0	1	13
Prunus	0	0	2	12	2	12
Red willow	1	6	2	22	3	28
Sandbar willow	5	32	0	0	5	32
Tree of heaven	0	0	1	9	1	9
White alder	66	857	31	330	97	1,187
Willow	1	9	0	0	1	9
Non-Oaks Subtotal	167	2,191	89	1,077	256	3,268
Total Trees[5]	700	9,025	314	3,663	1,014	12,688

The Mitigation Preserve includes 12,688 total inches of trees, of which 9,420 inches are healthy native oak trees, which is greater[6] than the obligation (9,132 inches) for replacement oak trees in Table 7.

[4] College Park Mitigation Area Tree Inventory Summary, July 2020 in Appendix C.

[5] Total trees in Table 8 does not include four trees with an arborist rating of zero (dead) and 102 trees (1,337 inches) with an arborist rating of 1 (Extreme Structure or Health Problems).

[6] 864 oak trees (10,872 inches) are in the Mitigation Preserve. The total number of oaks is reduced to 758 (9,420 inches), as shown in Table 7, when oak trees with structural or health problems are removed from the total.

Heritage Trees. The Mitigation Preserve site includes 90 heritage trees (2,393 inches) with an average diameter of 26.6 inches. Of the heritage trees, 69 are oaks (1,703 inches), and 21 (690 inches) are native non-oaks.

Comparison of Mitigation Preserve and Project Impacts. The ecological quality of the 22.5-acre Mitigation Preserve woodland is greater than the impacted project woodland. The Mitigation Preserve includes more species diversity, oak trees with fewer defects present, broader species diversity, especially with more valley and blue oak, in addition to species that are not present on the project site.

Table 9: Comparison of Mitigation Preserve to Project Impacts

	Mitigation Preserve (Table 8)	Project Impacts
Woodland type	Mixed riparian oak woodland	Live oak woodland
Tree canopy area	22.5 acres	18.3 acres
Tree species	21 species	5 species
Native oaks as percentage of trees	758 of 1,014 (75%)	Approximately 98%
Number of oak trees	758 (Table 7)	1,393 (Table 6)
Total number of trees	1,014	1,700 (estimate)
Total inches of oak trees	9,420	9,132 replacement oak inches required (Table 7)
Average oak tree size (DBH)	12.4 inches	9.3 inches
Average oak tree stem sizes ▪ Single-Stem ▪ Multi-Stem	 12.8 inches 11.5 inches	 9.3 inches 9.2 inches
Oak tree stem sizes ▪ Single-Stem ▪ Multi-Stem	 69% single-stem 31% multi-stem	 46% single-stem 54% multi-stem
Heritage Trees	90 trees/2,393 inches	16 trees/466 inches
Heritage Oak Trees	69 oak trees/1,703 inches	16 oak trees/466 inches

The Mitigation Preserve tree canopy (22.5 acres) is larger than the canopy area impacted by the project (18.3 acres). The Mitigation Preserve provides greater species diversity and a more mature and established woodland than the woodland impacted by the project. There are twenty-one species of trees on the Mitigation Preserve, including eight native species, compared to the project impact area, including three oak species with a modest number of California buckeye and fewer gray pines. The Mitigation Preserve's diverse woodland will preserve interior live oak and other essential oak species.

The average oak tree size is larger on the Mitigation Preserve (12.8" single-stem and 11.5" multi-stem) than on the project site (9.3" single-stem and 9.2" multi-stem) and more (69%) Mitigation Preserve oak trees are single-stem than the project site (46%), reflecting a woodland comprised of larger trees with fewer defects and a reduced propensity for failures than the live oak forest on the project site.

With fewer multi-stemmed oak trees, the Mitigation Preserve woodland is characterized by taller trees with a higher canopy and expansive understory. Although the Mitigation Preserve includes 9,420 total inches of oak trees (Table 8), which satisfies the project's replacement obligation of 9,132 oak inches, the Mitigation Preserve features greater species diversity and mature woodland. The Mitigation Preserve includes 90 heritage trees, compared to the project impact area, which contains 16 (all oaks), even though the Mitigation Preserve and project impact tree canopies are comparable.

Unlike replacement oak tree plantings, the Mitigation Preserve is an established woodland area that would not require years of establishment or costs associated with an unpredictable planting replacement program. A woodland of replacement oak trees takes five to ten years and thousands of gallons of water to create a forest of sapling-size trees with variable survival rates. In replacement plantings, all trees are oaks, which results in a homogenous native oak woodland with no species diversity. While many replacement oaks may thrive over time, a replacement planting area would take decades to recreate a natural habitat with the same benefits of the impacted woodland.

Habitat mitigation is essential to achieving authentic replacement of oak woodlands. The Mitigation Preserve woodland is adjacent to Secret Ravine Creek, and the associated woodland in the creek corridor contains diverse flora and wildlife, of significant ecological value, including more valley oak and blue oak trees. The woodland impacted by the project does not have the same ecological diversity as the creek corridor in the Mitigation Preserve.

With the project, 22.5 acres of established and mature oak woodland on the Mitigation Preserve will be permanently preserved. The tree canopies for the Mitigation Preserve and the project impact area are comparable. However, the Mitigation Preserve is superior to the woodland impacted by the project because the Mitigation Preserve is a mature forest of original-growth, single-stem oak trees with greater species diversity, proximate to the Secret Ravine Creek corridor.

Appendices

Appendix A – North Area

- North Tree Inventory Summary, April 10, 2020

Appendix B – South Area

- South C2 Tree Inventory, November 20, 2019
- South Tree Inventory, July 1, 2017

Appendix C – Mitigation Preserve

- Mitigation Preserve Tree Inventory, July 2020

Appendix D – Photos

Prepared by:
Evergreen Sierra East, LLC with technical assistance from California Tree and Landscape Consulting, Inc.

Appendix A

College Park - North Village
Tree Inventories

COLLEGE PARK NORTH

ROCKLIN, CALIFORNIA

Tree Inventory Summary

Prepared By:

California Tree and Landscape Consulting, Inc.
1243 High Street
Auburn, California 95603

April 10, 2020

The following tree inventory summary includes protected native oak trees located on the proposed College Park North Project site located on Sierra College Boulevard north of Rocklin Road, Rocklin, Ca. (APN 045-150-023, 045-150-052, 045-150-048).

The inventory data was collected at during various site visits which occurred from March 2017 up to June 2020 by Edwin E. Stirtz, ISA Certified Arborist WE 0510A.

All trees falling within the City of Rocklin Tree Preservation Ordinance within 50' of any development activities are included in the inventory. This includes native oaks 6" dbh single stem and 10" dbh multi stems. The trees included in the inventory summary are identified in the field with a metal number tag the number on which corresponds to the numbers in the inventory summary and the tree inventory exhibit.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
Trees in Development Area Not Previously Inventoried (Current Data as of April 2020)															
5701	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	14	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	One-sided south. Above average amount of deadwood.	None at this time.
5702	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,9	9	17	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	9	One-sided south. Above average amount of deadwood.	None at this time.
5703	Interior Live Oak	*(Quercus wislizeni)*	11,11	11	20	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Forks at grade. One-sided south. Above average amount of deadwood.	None at this time.
5704	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance west. Above average amount of deadwood.	None at this time.
5705	Blue Oak	*(Quercus douglasii)*		8	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
5706	Interior Live Oak	*(Quercus wislizeni)*	5,7,8,10,11	11	25	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Forks at grade. Weak attachments. Out of balance southwest. Above average amount of deadwood.	None at this time.
5707	Interior Live Oak	*(Quercus wislizeni)*	9,10	10	26	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
5708	Interior Live Oak	*(Quercus wislizeni)*		14	21	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Above average amount of deadwood.	None at this time.
5709	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7	7	16	Fair	Fair	Poor to fair	Fair	Fair	Fair	3	7	Forks at grade. Old stump sprout with separation between the bases. Above average amount of deadwood.	None at this time.
5710	Interior Live Oak	*(Quercus wislizeni)*		6	18	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Leans east. Bends south. Above average amount of deadwood.	None at this time.
5711	Interior Live Oak	*(Quercus wislizeni)*	6,16	16	24	Poor	Poor to fair	Poor to fair	Fair	Poor	Fair	2	16	Forks at grade. Weak attachments. Two stems are dead. Above average amount of deadwood.	None at this time.
5712	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	13	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Forks at grade. Bends southwest. Above average amount of deadwood.	None at this time.
5713	Interior Live Oak	*(Quercus wislizeni)*		6	17	Poor	Poor	Poor to fair	Fair	Poor	Fair	2	6	Out of balance southwest. Above average amount of deadwood.	None at this time.
5714	Interior Live Oak	*(Quercus wislizeni)*	4,8	8	17	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	8	Forks 1' above grade. Out of balance southwest. Above average amount of deadwood.	None at this time.
5715	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	10	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Bends southwest. Above average amount of deadwood.	None at this time.
5716	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance south. Slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5717	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
5718	Interior Live Oak	*(Quercus wislizeni)*	4,8,8	8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks 1' above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5719	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks 1' above grade. Weak attachments. Out of balance north. Above average amount of deadwood.	None at this time.
5720	Interior Live Oak	*(Quercus wislizeni)*		6	17	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance west. Above average amount of deadwood.	None at this time.
5721	Interior Live Oak	*(Quercus wislizeni)*		6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
5722	Blue Oak	*(Quercus douglasii)*		8	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
5723	Interior Live Oak	*(Quercus wislizeni)*		6	8	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Very upright. Lateral branches dead. Above average amount of deadwood.	None at this time.
5724	Interior Live Oak	*(Quercus wislizeni)*	4,5,8	8	16	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks at grade. Weak attachments. Old basal defects with some decay. Out of balance southeast. Above average amount of deadwood.	None at this time.
5725	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,7	7	12	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks grade to 1' above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5726	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	One-sided east. Slightly above average amount of deadwood.	None at this time.
5727	Interior Live Oak	*(Quercus wislizeni)*		15	22	Fair	Fair	Fair	Fair	Fair	Fair	3	15	Above average amount of deadwood.	None at this time.
5728	Interior Live Oak	*(Quercus wislizeni)*		9	15	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
5729	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
5730	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
5731	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,6,7	7	23	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks at grade. Weak attachments. Above average amount of deadwood.	None at this time.
5732	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	18	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Forks at grade. Trunks lean in opposite directions. Above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5733	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	22	Poor	Poor to fair	Poor to fair	Fair	Poor	Fair	2	6	Suppressed. Forks grade to 3 feet above grade. Leans, growing horizontal to grade to the southwest. Above average amount of deadwood.	None at this time.
5734	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7,8,10,11	11	27	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Poor to fair	1	0	Old stump sprout. Forks at grade. Weak attachments. Basal decay. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5735	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	21	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	2	7	Leans south. Bends west. Crafting 3.5 feet above grade between 2 stems. Above average amount of deadwood.	None at this time.
5736	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	6	21	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Above average amount of deadwood.	None at this time.
5737	Interior Live Oak	*(Quercus wislizeni)*		8	20	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Bends southwest. Above average amount of deadwood.	None at this time.
5738	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance west. Above average amount of deadwood.	None at this time.
5739	Interior Live Oak	*(Quercus wislizeni)*	5,10	10	23	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	10	Bends and leans south. Above average amount of deadwood.	None at this time.
5740	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
5741	Interior Live Oak	*(Quercus wislizeni)*	5,8,10	10	23	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	1	0	Forks at grade. Weak attachments. Basal defects. Stems initially lean, then bend in different directions. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5742	Interior Live Oak	*(Quercus wislizeni)*		9	21	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	9	Above average amount of deadwood. Slightly sparse foliage.	None at this time.
5743	Interior Live Oak	*(Quercus wislizeni)*		8	19	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	8	Above average amount of deadwood. Slightly sparse foliage.	None at this time.
5744	Interior Live Oak	*(Quercus wislizeni)*	5,7,11	11	21	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Forks at grade. Weak attachments. Above average amount of deadwood.	None at this time.
5745	Interior Live Oak	*(Quercus wislizeni)*		6	14	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	1	0	Remaining stems from a stump sprout are dead. Excessive deadwood. Sparse foliage. Moderate sprout growth.	***Recommend removal due to nature and extent of noted defects.***
5746	Interior Live Oak	*(Quercus wislizeni)*	5,9	9	17	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Above average amount of deadwood.	None at this time.
5747	Interior Live Oak	*(Quercus wislizeni)*		12	23	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Leans west. Above average amount of deadwood.	None at this time.
5748	Interior Live Oak	*(Quercus wislizeni)*		10	16	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Leans southeast. Above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5749	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,7	7	22	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks grade to 1 foot above grade. Weak attachments. One-sided east. Above average amount of deadwood.	None at this time.
5750	Blue Oak	*(Quercus douglasii)*		6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
5751	Blue Oak	*(Quercus douglasii)*		6	8	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
5752	Blue Oak	*(Quercus douglasii)*		9	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
5753	Interior Live Oak	*(Quercus wislizeni)*	8,9,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
5754	Valley Oak	*(Quercus lobata)*		14	22	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Above average amount of deadwood.	None at this time.
5755	Interior Live Oak	*(Quercus wislizeni)*	5,8,10,14	14	28	Poor to fair	Poor to fair	Fair	Fair	Poor	Fair	2	14	Old stump sprout. Separation between the root collars, plus basal decay. One stem growing horizontal to the north. Above average amount of deadwood.	None at this time.
5756	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	18	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance/bends south. Above average amount of deadwood.	None at this time.
5757	Interior Live Oak	*(Quercus wislizeni)*		9	17	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Above average amount of deadwood.	None at this time.
5758	Interior Live Oak	*(Quercus wislizeni)*		6	13	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Smaller stem to the south is dead. Above average amount of deadwood.	None at this time.
5759	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
5760	Interior Live Oak	*(Quercus wislizeni)*		11	18	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
5761	Interior Live Oak	*(Quercus wislizeni)*		6	22	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Bends east. Slightly above average amount of deadwood.	None at this time.
5762	Interior Live Oak	*(Quercus wislizeni)*	8,9	9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Forks at grade. Above average amount of deadwood.	None at this time.
5763	Interior Live Oak	*(Quercus wislizeni)*	6,8	14	15	Fair	Fair	Fair	Fair	Fair	Fair	3	14	A foot of separation between the root collars. Larger stem leans south and bends west. Above average amount of deadwood.	None at this time.
5764	Interior Live Oak	*(Quercus wislizeni)*		7	10	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
5765	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	18	Fair	Fair	Poor	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5766	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Trunk leans west. Bends upright, then east. Above average amount of deadwood.	None at this time.
5767	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	17	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Forks at grade. Weak attachments. Above average amount of deadwood.	None at this time.
5768	Interior Live Oak	*(Quercus wislizeni)*		6	5	Poor to fair	Poor to fair	Poor	Poor to fair	Poor	Poor to fair	1	0	Only one small portion of the tree remains alive.	***Recommend removal due to nature and extent of noted defects.***
5769	Interior Live Oak	*(Quercus wislizeni)*	8,12	12	18	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Forks at grade. Weak attachments. Above average amount of deadwood.	None at this time.
5770	Interior Live Oak	*(Quercus wislizeni)*		12	17	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Leans north. Bends west, then south. Above average amount of deadwood.	None at this time.
5771	Interior Live Oak	*(Quercus wislizeni)*		10	24	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	10	Out of balance west. Above average amount of deadwood.	None at this time.
5772	Interior Live Oak	*(Quercus wislizeni)*		10	22	Fair	Poor to fair	Fair	Fair	Fair	Fair	3	10	Out of balance northwest. Above average amount of deadwood.	None at this time.
5773	Interior Live Oak	*(Quercus wislizeni)*	7,8,13,14	14	27	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	14	Forks grade to 2 feet above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5774	Blue Oak	*(Quercus douglasii)*		10	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	10	Above average amount of deadwood.	None at this time.
5775	Interior Live Oak	*(Quercus wislizeni)*		16	30	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	16	Leans southeast. Above average amount of deadwood.	None at this time.
5776	Interior Live Oak	*(Quercus wislizeni)*		6	22	Fair	Poor to fair	Poor to fair	Fair	Poor	Fair	2	6	Bends southeast.	None at this time.
5777	Interior Live Oak	*(Quercus wislizeni)*	8,10	10	26	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	10	Forks at grade. Weak attachments. Some separation. Leans south. Above average amount of deadwood.	None at this time.
5778	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
5779	Interior Live Oak	*(Quercus wislizeni)*		10	22	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Leans slightly north. Slightly above average amount of deadwood.	None at this time.
5780	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	20	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks 2 feet above grade. Leans west. Above average amount of deadwood.	None at this time.
5781	Blue Oak	*(Quercus douglasii)*		7	9	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Above average amount of deadwood.	None at this time.
5782	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5783	Interior Live Oak	*(Quercus wislizeni)*		12	17	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
5784	Interior Live Oak	*(Quercus wislizeni)*		12	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Old callused split through the primary crotch 5 feet above grade. Possible interior decay. One stem grows at an angle to the southwest. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5785	Interior Live Oak	*(Quercus wislizeni)*	6,9,11	11	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Forks at grade. Bends and leans south and west. Above average amount of deadwood.	None at this time.
5786	Interior Live Oak	*(Quercus wislizeni)*	8,10,12	12	21	Poor to fair	Poor	Poor	Poor to fair	Poor	Fair	1	0	Forks grade to 3.5 feet above grade. Weak attachments. Above average amount of deadwood. Sparse foliage. Moderate sprout growth.	***Recommend removal due to nature and extent of noted defects.***
5787	Interior Live Oak	*(Quercus wislizeni)*	10,12	12	26	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Leans west. Forks grade to 3 feet above grade. Moderate to severe inclusion in the primary crotch.	None at this time.
5788	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	18	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Measured 3 feet above grade. Forks grade to 1 foot above grade. Moderate to severe inclusion through the primary crotch. Above average amount of deadwood.	None at this time.
5789	Interior Live Oak	*(Quercus wislizeni)*	6,6,7,7,7	7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks grade to 4 feet above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5790	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
5791	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	15	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Bends west. Above average amount of deadwood.	None at this time.
5792	Interior Live Oak	*(Quercus wislizeni)*	8,12	12	25	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Forks 1 foot above grade. Lower main stem grows horizontal to grade for 3 feet, then bends slightly upright. Out of balance west. Above average amount of deadwood.	None at this time.
5793	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	21	Fair	Poor to fair	Poor to fair	Fair	Fair	Fair	2	7	Grows at an angle to the southeast. Above average amount of deadwood.	None at this time.
5794	Interior Live Oak	*(Quercus wislizeni)*	4,6,10	10	22	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	10	Weak attachments. Above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5795	Interior Live Oak	*(Quercus wislizeni)*	4,6,7,9	9	25	Poor to fair	Poor	Poor	Fair	Poor	Fair	1	0	Forks at grade. Old lower trunk wounding, various locations. Moderate to significant decay.	***Recommend removal due to nature and extent of noted defects.***
5796	Interior Live Oak	*(Quercus wislizeni)*		7	12	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Old callusing lower trunk wounds with significant decay. Bends north. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5797	Interior Live Oak	*(Quercus wislizeni)*		11	16	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood.	None at this time.
5798	Interior Live Oak	*(Quercus wislizeni)*		9	20	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Bends west. Above average amount of deadwood.	None at this time.
5799	Interior Live Oak	*(Quercus wislizeni)*		8	16	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing lower trunk wounds, various locations. Leans northeast. Bends upright. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5800	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
5801	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	16	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Forks 1 foot above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5802	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	19	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks at grade. Out of balance east. Above average amount of deadwood.	None at this time.
5803	Interior Live Oak	*(Quercus wislizeni)*	6,11	11	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Grows at an angle to the west. Above average amount of deadwood.	None at this time.
5804	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
5805	Interior Live Oak	*(Quercus wislizeni)*	6,8,8,8	8	17	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks at grade. Weak attachments. Some basal decay. One stem grows at an angle to the west. Above average amount of deadwood.	None at this time.
5806	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Above average amount of deadwood.	None at this time.
5807	Blue Oak	*(Quercus douglasii)*		14	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	14	Recent limb failure in the canopy.	None at this time.
5808	Interior Live Oak	*(Quercus wislizeni)*	5,6,8,15	15	26	Fair	Fair	Fair	Fair	Fair	Fair	3	15	Forks at grade. Weak attachments. Above average amount of deadwood.	None at this time.
5809	Interior Live Oak	*(Quercus wislizeni)*		7	10	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Measured 4 feet above grade. Leans southwest. Above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5810	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	15	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	1	0	Forks at grade. Weak attachments. Above average amount of deadwood. Minor sprout growth. Sparse foliage.	None at this time.
5811	Interior Live Oak	*(Quercus wislizeni)*	8,8,8	8	17	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	One stem is actually a lateral that turns upright. Above average amount of deadwood. Dense poison oak growth in the upper canopy.	None at this time.
5812	Interior Live Oak	*(Quercus wislizeni)*	10,11,12,14	14	30	Poor	Poor	Poor	Poor	Poor	Poor	1	0	Forks at grade. Weak attachments. Basal decay, moderate to significant, various locations. Lower stem defects with moderate decay, various locations. Above average amount of deadwood. Sparse foliage. Profuse sprout growth.	***Recommend removal due to nature and extent of noted defects.***
5813	Interior Live Oak	*(Quercus wislizeni)*	6,7,8,8	8	17	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Forks 3 feet above grade. Weak attachments. Convoluted growth. Above average amount of deadwood.	None at this time.
5814	Interior Live Oak	*(Quercus wislizeni)*	5,6,11	11	21	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood.	None at this time.
5815	Blue Oak	*(Quercus douglasii)*	5,5,6	6	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Forks 1 foot above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5816	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	28	Poor	Poor to fair	Poor to fair	Fair	Poor	Fair	2	6	Forks at grade. Weak attachments, all growing in steep angles in different directions. Above average amount of deadwood.	None at this time.
5817	Interior Live Oak	*(Quercus wislizeni)*	5,7,10	10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Above average amount of deadwood.	None at this time.
5818	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
5819	Interior Live Oak	*(Quercus wislizeni)*		19	27	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	19	Measured 3 feet above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5820	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Bends southwest. Above average amount of deadwood.	None at this time.
5821	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
5822	Interior Live Oak	*(Quercus wislizeni)*	7,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Forks 1 foot above grade. Above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5823	Interior Live Oak	*(Quercus wislizeni)*	6,6,7,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks grade to 2 feet above grade. Out of balance west. Above average amount of deadwood.	None at this time.
5824	Interior Live Oak	*(Quercus wislizeni)*	5,5,5,6,6,6,7	7	22	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Old stump sprout. Forks at grade. Weak attachments. Some basal decay. Above average amount of deadwood.	None at this time.
5825	Interior Live Oak	*(Quercus wislizeni)*		10	15	Fair	Fair	Fair	Fair	Fair	Fair	3	10	One-sided south.	None at this time.
5826	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Out of balance northwest.	None at this time.
5827	Interior Live Oak	*(Quercus wislizeni)*	10,11	11	28	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Forks 2 feet above grade. Weak attachments. Out of balance/bends/leans south. Above average amount of deadwood.	None at this time.
5828	Blue Oak	*(Quercus douglasii)*		9	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	One-sided west.	None at this time.
5829	Blue Oak	*(Quercus douglasii)*		6	6	Fair	Fair	Fair	Dormant	Fair	Fair	3	6		None at this time.
5830	Interior Live Oak	*(Quercus wislizeni)*	7,11,11,12,13	13	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	13	Forks at grade. Weak attachments. Above average amount of deadwood.	None at this time.
5831	Interior Live Oak	*(Quercus wislizeni)*	6,6,7	7	19	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks grade to 1 foot above grade. Weak attachments. One-sided south. Above average amount of deadwood.	None at this time.
5832	Interior Live Oak	*(Quercus wislizeni)*		6	18	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed. One-sided south. Above average amount of deadwood.	None at this time.
5833	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
5834	Interior Live Oak	*(Quercus wislizeni)*	4,6,8	8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
5835	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	9	Fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	6	Leans north. Above average amount of deadwood. Slightly sparse foliage.	None at this time.
5836	Interior Live Oak	*(Quercus wislizeni)*	10,16	16	30	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Forks at grade. Weak attachments. Some basal defects with decay. Largest stem leans south. Above average amount of deadwood.	None at this time.
5837	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	28	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Suppressed. Leans south. Above average amount of deadwood. Dense poison oak through the upper canopy.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5838	Interior Live Oak	*(Quercus wislizeni)*	5,7,8	8	24	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks 2-3 feet above grade. Weak attachments. Leans southeast. Above average amount of deadwood.	None at this time.
5839	Interior Live Oak	*(Quercus wislizeni)*		7	14	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Bends 4 feet above grade to the east. Above average amount of deadwood.	None at this time.
5840	Interior Live Oak	*(Quercus wislizeni)*	4,5,7,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
5841	Interior Live Oak	*(Quercus wislizeni)*		7	26	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Suppressed. Leans southwest. Above average amount of deadwood.	None at this time.
5842	Interior Live Oak	*(Quercus wislizeni)*		8	31	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed. Leans southwest. Above average amount of deadwood.	None at this time.
5843	Interior Live Oak	*(Quercus wislizeni)*	7,8,9,10,12	12	29	Poor	Poor to fair	Poor to fair	Fair	Poor	Fair	1	0	Forks at grade. Weak attachments. Basal cavities with moderate to significant decay. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5844	Interior Live Oak	*(Quercus wislizeni)*		7	17	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Leans south. Bends upright, then north. Above average amount of deadwood.	None at this time.
5845	Interior Live Oak	*(Quercus wislizeni)*	10,11,11,17	17	31	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	17	Forks at grade. Weak attachments. Large stem bends southeast. Above average amount of deadwood.	None at this time.
5846	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	17	Poor to fair	Poor to fair	Poor	Poor	Poor to fair	Poor	2	6	Above average amount of deadwood. Sparse foliage.	None at this time.
5847	Valley Oak	*(Quercus lobata)*		17	25	Fair	Fair	Fair	Fair	Fair	Fair	3	17	Above average amount of deadwood.	None at this time.
5848	Interior Live Oak	*(Quercus wislizeni)*	10,14,16	16	32	Fair	Fair	Fair	Fair	Poor to fair	Fair	2	16	Forks slightly above grade. Weak attachments. Some minor defects in the primary crotch. Slightly above average amount of deadwood.	None at this time.
5849	Interior Live Oak	*(Quercus wislizeni)*		12	17	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Measured 3 feet above grade. Suppressed. Leans south. Bends west. Grafting from 3-5 feet above grade where 2 stems have been contacting each other. Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5850	Interior Live Oak	*(Quercus wislizeni)*	7,8,11,12,13	13	29	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	13	Forks grade to 4 feet above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5851	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	14	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Above average amount of deadwood.	None at this time.
5852	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	23	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Out of balance south. Forks 3 feet above grade. Bends just above the primary crotch. Above average amount of deadwood.	None at this time.
5853	Interior Live Oak	*(Quercus wislizeni)*	5,7,8	8	19	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed. Leans west. Inherently weak primary crotch with inclusion and grafting. Above average amount of deadwood.	None at this time.
5854	Interior Live Oak	*(Quercus wislizeni)*	3,4,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Leans northwest. Above average amount of deadwood.	None at this time.
5855	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	22	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Leans/bends southwest. Above average amount of deadwood.	None at this time.
5856	Interior Live Oak	*(Quercus wislizeni)*		12	21	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Above average amount of deadwood.	None at this time.
5857	Interior Live Oak	*(Quercus wislizeni)*	7,8,8	8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Measured 4.5 feet above grade. One-sided west. Above average amount of deadwood.	None at this time.
5858	Blue Oak	*(Quercus douglasii)*		26	31	Fair	Fair	Fair	Dormant	Fair	Fair	3	26	Slightly above average amount of deadwood.	None at this time.
5859	Interior Live Oak	*(Quercus wislizeni)*	10,11,14	14	31	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Past partial failure of the root system has left a majority of the tree lying prone on grade and growing to the south and west.	None at this time.
5860	Interior Live Oak	*(Quercus wislizeni)*	15,18	18	27	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Poor to fair	2	18	**AKA Trees 2643 & 563** Forks 2 feet above grade. Above average amount of deadwood. Moderate to severe mistletoe infestation. Slightly sparse foliage.	None at this time.
5861	Interior Live Oak	*(Quercus wislizeni)*		20	24	Fair	Fair	Fair	Fair	Fair	Fair	3	20	Above average amount of deadwood.	None at this time.
5862	Interior Live Oak	*(Quercus wislizeni)*	3,3,4,4, 4,4,5, 5,6,7	7	19	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Forks at grade. Weak attachments. Bends/leans southwest. Above average amount of deadwood.	None at this time.
5863	Interior Live Oak	*(Quercus wislizeni)*		7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Bends northwest.	None at this time.
5864	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Leans/bends southwest. Above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5865	Interior Live Oak	*(Quercus wislizeni)*	10,14	14	28	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Up to a foot of separation between the root collars. Smaller stem leans north. Larger stem leans southwest. Significant lower trunk cavity on the larger stem from 3-6 feet above grade with severe decay.	***Recommend removal due to nature and extent of noted defects.***
5866	Interior Live Oak	*(Quercus wislizeni)*	5,8,8,9,11	11	28	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Up to a foot of separation between the root collars. One stem grows at an angle to the north. Inherently weak crotch on the larger portion. Above average amount of deadwood.	None at this time.
5867	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	19	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Up to a foot of separation between the root collars. One-sided northeast. Above average amount of deadwood.	None at this time.
5868	Interior Live Oak	*(Quercus wislizeni)*	8,9,12	12	33	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Suppressed. Leans south. Inherently weak primary crotch 3-4 feet above grade with moderate to severe inclusion. Above average amount of deadwood.	None at this time.
5869	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	24	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks at grade. Weak attachments. Above average amount of deadwood.	None at this time.
5870	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	28	Far	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Suppressed. One-sided north. Above average amount of deadwood.	None at this time.
5871	Interior Live Oak	*(Quercus wislizeni)*	8,10	10	27	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Leans south. Above average amount of deadwood.	None at this time.
5872	Interior Live Oak	*(Quercus wislizeni)*		8	20	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Suppressed. Bends southeast. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5873	Interior Live Oak	*(Quercus wislizeni)*		14	31	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	14	Bends south. Above average amount of deadwood.	None at this time.
5874	Interior Live Oak	*(Quercus wislizeni)*	2,4,6	6	19	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed. Bends southeast. Above average amount of deadwood.	None at this time.
5875	Valley Oak	*(Quercus lobata)*		13	19	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Above average amount of deadwood.	None at this time.
5876	Interior Live Oak	*(Quercus wislizeni)*	6,7,8	8	27	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks grade to 2 feet above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5877	Interior Live Oak	*(Quercus wislizeni)*		7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5878	Interior Live Oak	*(Quercus wislizeni)*	5,6,12	12	16	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
5879	Interior Live Oak	*(Quercus wislizeni)*	6,9	9	24	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Above average amount of deadwood.	None at this time.
5880	Interior Live Oak	*(Quercus wislizeni)*	8,9,10,11	11	28	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
5881	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
5882	Interior Live Oak	*(Quercus wislizeni)*	6,6,10	10	23	Fair	Fair	Poor to fair	Fair	Poor to fair	Fair	2	10	Forks slightly above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5883	Blue Oak	*(Quercus douglasii)*		7	6	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
5884	Interior Live Oak	*(Quercus wislizeni)*	5,6,6	6	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Up to a foot of separation between the 3 stems. Growing at different angles. Above average amount of deadwood.	None at this time.
5885	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	27	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks grade to a foot above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5886	Interior Live Oak	*(Quercus wislizeni)*	4,5,6,7,7	7	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Forks at grade. Weak attachments. Above average amount of deadwood.	None at this time.
5887	Interior Live Oak	*(Quercus wislizeni)*		7	26	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Leans north. Above average amount of deadwood.	None at this time.
5888	Interior Live Oak	*(Quercus wislizeni)*		12	15	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing trunk wound 8' above grade at primary crotch with significant decay.	***Recommend removal due to nature and extent of noted defects.***
5889	Interior Live Oak	*(Quercus wislizeni)*	6,11	11	25	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood.	None at this time.
5890	Interior Live Oak	*(Quercus wislizeni)*		9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Measured 3 feet above grade. Above average amount of deadwood.	None at this time.
5891	Interior Live Oak	*(Quercus wislizeni)*	5,8,9	9	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Suppressed. Leans south. Above average amount of deadwood.	None at this time.
5892	Interior Live Oak	*(Quercus wislizeni)*	6,7,7,10,13	13	31	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	13	Forks 1-2 feet above grade. Weak attachments. Above average amount of deadwood.	None at this time.
5893	Interior Live Oak	*(Quercus wislizeni)*		10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Above average amount of deadwood.	None at this time.
5894	Interior Live Oak	*(Quercus wislizeni)*	7,14	14	22	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Bends south. Above average amount of deadwood.	None at this time.
5895	Interior Live Oak	*(Quercus wislizeni)*		6	27	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed. Out of balance south. Above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5896	Interior Live Oak	*(Quercus wislizeni)*		10	19	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Leans west. Slightly above average amount of deadwood.	None at this time.
5897	Interior Live Oak	*(Quercus wislizeni)*		7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Leans northeast. Above average amount of deadwood.	None at this time.
5898	Interior Live Oak	*(Quercus wislizeni)*		9	18	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
5899	Interior Live Oak	*(Quercus wislizeni)*		6	27	Poor	Poor	Poor	Poor to fair	Poor	Fair	2	6	Suppressed. Growing horizontal to grade to the south. Above average amount of deadwood.	None at this time.
5900	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
5901	Interior Live Oak	*(Quercus wislizeni)*		10	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	10	Bends southwest. Above average amount of deadwood.	None at this time.
5902	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	24	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Larger 3rd stem is dead. Separation between the root collars of up to 18 inches. Suppressed. One-sided south. Above average amount of deadwood.	None at this time.
5903	Interior Live Oak	*(Quercus wislizeni)*	5,7,14	14	29	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Above average amount of deadwood.	None at this time.
5904	Interior Live Oak	*(Quercus wislizeni)*		10	11	Poor	Poor	Poor	Fair	Poor	Fair	1	0	Two stems of what was originally a 3-stem tree failed, compromising over 50% of the root collar.	***Recommend removal due to nature and extent of noted defects.***
5905	Blue Oak	*(Quercus douglasii)*		14	20	Fair	Fair	Fair	Dormant	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
5906	Interior Live Oak	*(Quercus wislizeni)*	14,14	14	22	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk cavities with moderate decay, various locations. Additional upper canopy defects with significant decay. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5907	Interior Live Oak	*(Quercus wislizeni)*		15	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	**AKA Trees 9 & 569** Basal cavity, north side, with moderate decay. Leans/bends east. Defects with minor decay. Above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
5908	Interior Live Oak	*(Quercus wislizeni)*	18,25	25	31	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	25	**AKA Tree 568** Minor basal defects, various locations. Forks 3 feet above grade. Weak attachment. Failures in upper canopy. Above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
5909	Interior Live Oak	*(Quercus wislizeni)*		13	22	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Out of balance west. Above average amount of deadwood.	None at this time.
5910	Interior Live Oak	*(Quercus wislizeni)*		14	22	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Leans/bends south. Inherently weak primary crotch 6 feet above grade with minor decay.	None at this time.
5911	Interior Live Oak	*(Quercus wislizeni)*		13	19	Poor	Poor to fair	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal trunk wound, southeast side, to a foot above grade. Significant decay. Leans southeast.	***Recommend removal due to nature and extent of noted defects.***
5912	Interior Live Oak	*(Quercus wislizeni)*	7,16	16	28	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	16	Leans west. Callusing basal lower trunk wounds, various locations, with minor decay. Inherently weak primary crotch with evidence of a defect and some decay. Above average amount of deadwood.	None at this time.
5913	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	15	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks a foot above grade. Weak attachments. Above average amount of deadwood.	None at this time.
Area A Trees **(Below data from the August 2019 inventory has not been updated)**															
28500	Interior Live Oak	*(Quercus wislizeni)*		11	20	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Out of balance to the south.	None at this time.
28501	Interior Live Oak	*(Quercus wislizeni)*		9	20	Fair	Fair	Poor	Poor to fair	Poor to fair	Poor to fair	3	9	Slightly above average amount of deadwood.	None at this time.
28502	Interior Live Oak	*(Quercus wislizeni)*		11	20	Fair	Fair	Poor to fair	Fair	Fair	Fair	3	11	Above average amount of deadwood.	None at this time.
28503	Interior Live Oak	*(Quercus wislizeni)*		8	20	Fair	Poor	Fair	Poor	Fair	Fair	2	8	Above average amount of deadwood.	None at this time.
28504	Blue Oak	*(Quercus douglasii)*		13	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	13		None at this time.
28505	Interior Live Oak	*(Quercus wislizeni)*	8,8,8	8	24	Fair	Fair	Fair	Fair	Poor	Fair	3	8		None at this time.
28506	Interior Live Oak	*(Quercus wislizeni)*		13	18	Fair	Fair	Poor to fair	Fair	Fair	Fair	3	13	Slightly above average amount of deadwood.	None at this time.
28601	Interior Live Oak	*(Quercus wislizeni)*	5,7,7,10	10	24	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	10	Tree grew as an old stump sprout; weak attachments; above average amount of deadwood.	None at this time.
28602	Interior Live Oak	*(Quercus wislizeni)*		14	23	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Suppressed; out of balance to the east; callusing basal lower trunk wounds with minor to moderate decay, various locations; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28603	Interior Live Oak	*(Quercus wislizeni)*	8,11,14	14	25	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with minor to moderate decay; inherently weak primary crotch 1' above grade; out of balance to the west; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28604	Interior Live Oak	*(Quercus wislizeni)*	3,4,6	6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28605	Interior Live Oak	*(Quercus wislizeni)*	8,12	12	19	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Measured 2' above grade; above average amount of deadwood.	None at this time.
28606	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Basal defects, minor various locations with weak attachments; slightly above average amount of deadwood.	None at this time.
28607	Interior Live Oak	*(Quercus wislizeni)*	10,13	13	25	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Tree forks at grade with approximately 1' of separation between the root collars; stems grow in opposite directions; callusing basal and lower trunk wounds with minor to moderate decay, various locations; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28608	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28609	Interior Live Oak	*(Quercus wislizeni)*		9	17	Fair	Fair	Poor	Poor to fair	Poor to fair	Poor to fair	2	9	Leans southeast; forks 1' above grade.	None at this time.
28610	Interior Live Oak	*(Quercus wislizeni)*		17	15	Fair	Fair	Poor	Poor to fair	Poor to fair	Poor to fair	2	17	Measured 2' above grade.	None at this time.
28611	Interior Live Oak	*(Quercus wislizeni)*	5,7,8	8	16	Fair	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	8	Forks 1'-3' above grade; weak attachments; above average amount of deadwood; sparse foliage.	None at this time.
28612	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7	7	17	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Callusing basal lower trunk wounds, various locations; weak attachments; above average amount of deadwood.	None at this time.
28613	Interior Live Oak	*(Quercus wislizeni)*		10	21	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	10	Callusing basal lower trunk wounds, various locations; out of balance to the north; above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28614	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	21	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Out of balance to the west; weak attachments; callusing basal lower trunk wounds, various locations, with moderate decay; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28615	Interior Live Oak	*(Quercus wislizeni)*	4,9	9	23	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	9	Callusing basal lower trunk wounds, various locations; minor decay, various locations; slightly above average amount of deadwood.	None at this time.
28616	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	26	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
28617	Blue Oak	*(Quercus douglasii)*		7	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28618	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	22	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	7	Callusing basal lower trunk wounds, various locations; minor decay; weak attachments; above average amount of deadwood; sparse foliage.	None at this time.
28619	Interior Live Oak	*(Quercus wislizeni)*		14	26	Fair	Fair	Poor to fair	Fair	Fair	Fair	3	14	Above average amount of deadwood; slightly sparse foliage.	None at this time.
28620	Interior Live Oak	*(Quercus wislizeni)*	13,14	14	29	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds, various locations; forks 1' above grade; southerly stem grows at a moderate angle southwest; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28621	Interior Live Oak	*(Quercus wislizeni)*		6	13	Poor to fair	Poor	Poor	Poor	Poor to fair	Poor	1	0	Suppressed; out of balance to the west; main stem dead/failed 16' above the root collar; no significant lateral branching remains.	***Recommend removal due to nature and extent of noted defects.***
28622	Interior Live Oak	*(Quercus wislizeni)*		15	23	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	15	Callusing basal lower trunk wounds, various locations; minor decay; slightly above average amount of deadwood.	None at this time.
28623	Blue Oak	*(Quercus douglasii)*		12	21	Fair	Fair	Fair	Dormant	Fair	Fair	3	12		None at this time.
28624	Interior Live Oak	*(Quercus wislizeni)*		12	17	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28625	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28626	Interior Live Oak	*(Quercus wislizeni)*	6,9,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28627	Interior Live Oak	*(Quercus wislizeni)*	6,7,7,8	8	29	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28628	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	27	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks at grade; slightly above average amount of deadwood.	None at this time.
28629	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	12	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28630	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	21	Fair	Fair	Poor to fair	Fair	Fair	Fair	3	6	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
28631	Blue Oak	*(Quercus douglasii)*		8	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28632	Interior Live Oak	*(Quercus wislizeni)*		6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28633	Blue Oak	*(Quercus douglasii)*		6	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28634	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28635	Blue Oak	*(Quercus douglasii)*		6	6	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28636	Interior Live Oak	*(Quercus wislizeni)*	6,6,7	7	22	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28637	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28638	Interior Live Oak	*(Quercus wislizeni)*	5,7,8	8	22	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28639	Interior Live Oak	*(Quercus wislizeni)*	8,11,12	12	25	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Forks grade to 3' above grade; slightly above average amount of deadwood.	None at this time.
28640	Blue Oak	*(Quercus douglasii)*	7,7	7	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Forks 1' above grade; above average amount of deadwood.	None at this time.
28641	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	22	Fair	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	7	Above average amount of deadwood; slightly sparse foliage.	None at this time.
28642	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28643	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28644	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	10	Fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	6	Callusing basal lower trunk wounds, various locations; minor decay; above average amount of deadwood; sparse foliage.	None at this time.
28645	Blue Oak	*(Quercus douglasii)*		6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	6		None at this time.
28646	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	16	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	6	Out of balance to the south; above average amount of deadwood; sparse foliage.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28647	Interior Live Oak	*(Quercus wislizeni)*		7	21	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the east; above average amount of deadwood.	None at this time.
28648	Interior Live Oak	*(Quercus wislizeni)*	7,12	12	16	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Measured 3' above grade; above average amount of deadwood.	None at this time.
28649	Interior Live Oak	*(Quercus wislizeni)*	4,4,6	6	16	Fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	6	Above average amount of deadwood; sparse foliage.	None at this time.
28650	Interior Live Oak	*(Quercus wislizeni)*	4,6,6	6	21	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28651	Interior Live Oak	*(Quercus wislizeni)*	4,4,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28652	Interior Live Oak	*(Quercus wislizeni)*	10,11,12,12	12	22	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28653	Interior Live Oak	*(Quercus wislizeni)*	6,11	11	20	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Emanates from a rock cropping; suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
28654	Interior Live Oak	*(Quercus wislizeni)*	5,7,12	12	22	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	12	Callusing basal lower trunk wounds, various locations; minor decay; slightly above average amount of deadwood.	None at this time.
28655	Interior Live Oak	*(Quercus wislizeni)*	11,12,16	16	22	Fair	Fair	Fair	Fair	Fair	Fair	3	16	Slightly above average amount of deadwood.	None at this time.
28656	Interior Live Oak	*(Quercus wislizeni)*	7,11	11	13	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28657	Interior Live Oak	*(Quercus wislizeni)*	9,11,12	12	22	Fair	Fair	Poor to fair	Fair	Fair	Fair	3	12	Above average amount of deadwood; minor to moderate mistletoe infestation.	None at this time.
28658	Blue Oak	*(Quercus douglasii)*	5,6	6	8	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28659	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,6,6	6	20	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Forks at grade; slightly above average amount of deadwood.	None at this time.
28660	Interior Live Oak	*(Quercus wislizeni)*	9,12	12	21	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28661	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the north; slightly above average amount of deadwood.	None at this time.
28662	Interior Live Oak	*(Quercus wislizeni)*		18	28	Fair	Fair	Fair	Fair	Fair	Fair	3	18	Slightly above average amount of deadwood.	None at this time.
28663	Interior Live Oak	*(Quercus wislizeni)*		6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28664	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28665	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	13	Fair	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	7	Above average amount of deadwood; sparse foliage.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28666	Blue Oak	*(Quercus douglasii)*		7	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28667	Interior Live Oak	*(Quercus wislizeni)*		10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28668	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	22	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the southwest; above average amount of deadwood.	None at this time.
28669	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
28670	Interior Live Oak	*(Quercus wislizeni)*		11	29	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Out of balance to the east; lower trunk grows almost horizontal to grade for 10'; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28671	Interior Live Oak	*(Quercus wislizeni)*		6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28672	Interior Live Oak	*(Quercus wislizeni)*	7,8,10	10	28	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28673	Interior Live Oak	*(Quercus wislizeni)*		7	14	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly out of balance to the west; slightly above average amount of deadwood.	None at this time.
28674	Blue Oak	*(Quercus douglasii)*		11	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28675	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	27	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28676	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Above average amount of deadwood.	None at this time.
28677	Interior Live Oak	*(Quercus wislizeni)*	10,10	10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28678	Interior Live Oak	*(Quercus wislizeni)*		6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28679	Interior Live Oak	*(Quercus wislizeni)*		14	22	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
28680	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28681	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,6,11	11	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Two feet of separation between the root collars; weak attachments; above average amount of deadwood.	None at this time.
28682	Interior Live Oak	*(Quercus wislizeni)*		12	22	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Measured 3' above grade; slightly above average amount of deadwood.	None at this time.
28683	Interior Live Oak	*(Quercus wislizeni)*		7	25	Fair	Poor to fair	Poor to fair	Fair	Poor	Fair	1	0	Grows at an angle; out of balance to the southeast; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

CRESLEIGH HOMES
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28684	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,6,8	8	24	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Weak attachments; slightly above average amount of deadwood.	None at this time.
28685	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28686	Interior Live Oak	*(Quercus wislizeni)*	6,7,13	13	25	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Weak attachments; above average amount of deadwood.	None at this time.
28687	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28688	Interior Live Oak	*(Quercus wislizeni)*		11	26	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28689	Interior Live Oak	*(Quercus wislizeni)*	5,6,9	9	17	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28690	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28691	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
28692	Interior Live Oak	*(Quercus wislizeni)*		15	24	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wound, west side, to 3' above grade; significant decay; the remaining stem is out of balance and growing at an angle to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28693	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28694	Blue Oak	*(Quercus douglasii)*	10,11	11	26	Fair	Fair	Fair	Dormant	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28695	Interior Live Oak	*(Quercus wislizeni)*		9	17	Poor	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wound; moderate to significant interior decay; out of balance to the east; leaning on adjacent trees; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28696	Interior Live Oak	*(Quercus wislizeni)*		10	8	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds, various locations; moderate decay; main stem failed 10' above grade.	***Recommend removal due to nature and extent of noted defects.***
28697	Interior Live Oak	*(Quercus wislizeni)*	9,10,11, 12	12	26	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Forks at grade; weak attachments; basal cavities; moderate decay; one stem broken 10' above grade; two stems broken 14' above grade.	***Recommend removal due to nature and extent of noted defects.***

CRESLEIGH HOMES
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28698	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	21	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Trunks are leaning at a significant angle to the west; debris from adjacent failures is caught up in the canopy.	***Recommend removal due to nature and extent of noted defects.***
28699	Interior Live Oak	*(Quercus wislizeni)*	6,11,14	14	30	Fair	Fair	Poor to fair	Fair	Poor to fair	Fair	2	14	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
28700	Interior Live Oak	*(Quercus wislizeni)*	13,14	14	32	Fair	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	14	Weak attachments; above average amount of deadwood; sparse foliage.	None at this time.
28701	Interior Live Oak	*(Quercus wislizeni)*		11	22	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood.	None at this time.
28702	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,9	9	13	Fair	Poor	Poor	Poor	Poor	Poor	2	9	Out of balance to the southeast; branch on ground.	None at this time.
28703	Blue Oak	*(Quercus douglasii)*		6	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
28704	Interior Live Oak	*(Quercus wislizeni)*	6,6,7,10	10	23	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Above average amount of deadwood.	None at this time.
28705	Interior Live Oak	*(Quercus wislizeni)*		10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28706	Interior Live Oak	*(Quercus wislizeni)*		7	21	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28707	Interior Live Oak	*(Quercus wislizeni)*		6	7	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28708	Interior Live Oak	*(Quercus wislizeni)*	5,5,7,9	9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28709	Interior Live Oak	*(Quercus wislizeni)*	6,10	10	19	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28710	Interior Live Oak	*(Quercus wislizeni)*	5,8,8	8	22	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28711	Interior Live Oak	*(Quercus wislizeni)*	5,9,10	10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Above average amount of deadwood.	None at this time.
28712	Blue Oak	*(Quercus douglasii)*	6,8	8	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28713	Blue Oak	*(Quercus douglasii)*		8	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28714	Interior Live Oak	*(Quercus wislizeni)*	4,5,6,6	6	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
28715	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28716	Interior Live Oak	*(Quercus wislizeni)*		7	12	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28717	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	21	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28718	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28719	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	14	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28720	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
28721	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28722	Interior Live Oak	*(Quercus wislizeni)*	6,8,9	9	24	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28723	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28724	Interior Live Oak	*(Quercus wislizeni)*	6,8,9,10, 11,12	12	30	Poor	Poor to fair	Poor to fair	Fair	Poor	Fair	1	0	Tree grew as a stump sprout at the radial distribution; weak attachments; moderate decay through the root collar; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28725	Interior Live Oak	*(Quercus wislizeni)*	7,7,12	12	24	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28726	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28727	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28728	Interior Live Oak	*(Quercus wislizeni)*		12	30	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
28729	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28730	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28731	Interior Live Oak	*(Quercus wislizeni)*	4,8	8	26	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
28732	Interior Live Oak	*(Quercus wislizeni)*		8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28733	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	24	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28734	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28735	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28736	Blue Oak	*(Quercus douglasii)*		7	8	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28737	Interior Live Oak	*(Quercus wislizeni)*	5,7,8	8	27	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28738	Interior Live Oak	*(Quercus wislizeni)*	12,13	13	29	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Slightly above average amount of deadwood.	None at this time.
28739	Interior Live Oak	*(Quercus wislizeni)*		8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
28740	Interior Live Oak	*(Quercus wislizeni)*	7,8,9	9	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Forks grade to 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
28741	Interior Live Oak	*(Quercus wislizeni)*	10,11,12	12	26	Fair	Fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Above average amount of deadwood.	None at this time.
28742	Interior Live Oak	*(Quercus wislizeni)*		9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28743	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28744	Interior Live Oak	*(Quercus wislizeni)*	6,8,11, 12,13	13	29	Poor to fair	Poor to fair	Poor to fair	Fair	Poor	Fair	1	0	Tree grew as a stump sprout at radial distribution; fork grade to 1' above grade; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28745	Interior Live Oak	*(Quercus wislizeni)*	7,10,13	13	29	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds, various locations; large stem has significant interior hollowing grade to 7' above grade; out of balance to the southwest; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28746	Blue Oak	*(Quercus douglasii)*		13	24	Fair	Fair	Fair	Dormant	Fair	Fair	3	13	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
28747	Blue Oak	*(Quercus douglasii)*		7	18	Fair	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	2	7	Out of balance to the west; above average amount of deadwood.	None at this time.
28748	Blue Oak	*(Quercus douglasii)*		15	26	Fair	Fair	Fair	Dormant	Fair	Fair	3	15	Slightly above average amount of deadwood.	None at this time.
28749	Interior Live Oak	*(Quercus wislizeni)*		11	24	Poor to fair	Poor	Fair	Fair	Poor to fair	Fair	1	0	Callusing basal trunk wound, west side, grade to 4' above grade; moderate interior decay; out of balance to the southwest; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28750	Interior Live Oak	*(Quercus wislizeni)*	12,16	16	31	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	16	Forks at grade; weak attachments; callusing basal lower trunk wounds, various locations; minor decay; above average amount of deadwood.	***Perform decay detection and aerial inspection and provide further recommendations.***

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28751	Interior Live Oak	*(Quercus wislizeni)*	6,7,11	11	29	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Callusing basal lower trunk wounds, various locations; slightly above average amount of deadwood.	None at this time.
28752	Interior Live Oak	*(Quercus wislizeni)*	7,7,8	8	17	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Callusing basal lower trunk wounds with minor decay, various locations; above average amount of deadwood.	None at this time.
28753	Interior Live Oak	*(Quercus wislizeni)*		12	19	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
28754	Interior Live Oak	*(Quercus wislizeni)*		14	29	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
28755	Blue Oak	*(Quercus douglasii)*	10,12	12	29	Poor to fair	Poor to fair	Fair	Dormant	Poor to fair	Fair	2	12	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
28756	Blue Oak	*(Quercus douglasii)*	8,9	9	19	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Above average amount of deadwood.	None at this time.
28757	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	8	Callusing basal lower trunk wounds, various locations; no obvious decay; above average amount of deadwood; sparse foliage.	None at this time.
28758	Blue Oak	*(Quercus douglasii)*		7	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28759	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly out of balance to the west; slightly above average amount of deadwood.	None at this time.
28760	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28761	Blue Oak	*(Quercus douglasii)*		17	22	Poor to fair	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	2	0	Measured 3' above grade; forks 4'-5' above grade; weak attachments; old callused trunk wounds, various locations; above average amount of deadwood; poor bud formation.	***Recommend removal due to nature and extent of noted defects.***
28762	Blue Oak	*(Quercus douglasii)*		12	17	Poor to fair	Poor to fair	Fair	Dormant	Poor to fair	Fair	2	12	Trunk has a slight bow; out of balance to the east; slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28763	Blue Oak	*(Quercus douglasii)*	11,11	11	17	Poor	Poor to fair	Fair	Dormant	Poor to fair	Fair	1	0	Forks 1' above grade; weak attachments; callusing basal lower trunk wounds with moderate decay, various locations; above average amount of deadwood; poor bud swell.	***Recommend removal due to nature and extent of noted defects.***
28764	Interior Live Oak	*(Quercus wislizeni)*	4,4,6	6	11	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28765	Interior Live Oak	*(Quercus wislizeni)*		11	17	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Out of balance to the north and east; callusing basal lower trunk wounds with moderate decay, various locations; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28766	Interior Live Oak	*(Quercus wislizeni)*		10	18	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with minor to moderate decay, various locations; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28767	Interior Live Oak	*(Quercus wislizeni)*	6,8,13	13	29	Fair	Poor	Poor to fair	Fair	Poor	Fair	2	0	Callusing basal lower trunk wounds with minor to moderate decay, various locations; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28768	Interior Live Oak	*(Quercus wislizeni)*		11	30	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Out of balance to the west and south; above average amount of deadwood.	None at this time.
28769	Interior Live Oak	*(Quercus wislizeni)*	6,10,12	12	30	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Forks grade to 2' above grade; weak attachments; above average amount of deadwood.	None at this time.
28770	Interior Live Oak	*(Quercus wislizeni)*		9	13	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28771	Interior Live Oak	*(Quercus wislizeni)*		9	17	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28772	Interior Live Oak	*(Quercus wislizeni)*		12	30	Poor	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Past partial failure of the root system has left the tree growing at an angle to the south and west; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28773	Interior Live Oak	*(Quercus wislizeni)*	8,12	12	18	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28774	Interior Live Oak	*(Quercus wislizeni)*		9	12	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28775	Interior Live Oak	*(Quercus wislizeni)*		8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly out of balance to the west; above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28776	Interior Live Oak	*(Quercus wislizeni)*	11,13	13	32	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks at grade; trunks grow in opposite directions with 1.5' of separation between the root collars; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28777	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	30	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28778	Interior Live Oak	*(Quercus wislizeni)*		7	14	Fair	Poor	Poor	Fair	Poor	Fair	1	0	Callusing trunk wound, grade to 6' above grade; minor decay evident; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28779	Blue Oak	*(Quercus douglasii)*		8	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28780	Interior Live Oak	*(Quercus wislizeni)*		6	17	Poor to fair	Poor	Poor to fair	Poor to fair	Poor	Poor	1	0	Callusing basal lower trunk wounds, various locations; moderate to significant decay 1.5' above grade at a significant crook; above average amount of deadwood; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
28781	Interior Live Oak	*(Quercus wislizeni)*		10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28782	Interior Live Oak	*(Quercus wislizeni)*	7,9	9	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Out of balance to the south; above average amount of deadwood.	None at this time.
28783	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	24	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks at grade; slightly above average amount of deadwood.	None at this time.
28784	Interior Live Oak	*(Quercus wislizeni)*		6	9	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28785	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Leans south; bends slightly east; slightly above average amount of deadwood.	None at this time.
28786	Interior Live Oak	*(Quercus wislizeni)*		9	14	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28787	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28788	Interior Live Oak	*(Quercus wislizeni)*		9	24	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28789	Interior Live Oak	*(Quercus wislizeni)*	6,10	10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28790	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28791	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28792	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28793	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	19	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28794	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28795	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Poor to fair	Poor to fair	Poor to fair	Poor	Poor to fair	1	0	Callusing basal lower trunk wounds, various locations; above average amount of deadwood; sparse foliage; tree appears to be 90% dead.	***Recommend removal due to nature and extent of noted defects.***
28796	Interior Live Oak	*(Quercus wislizeni)*		8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
28797	Interior Live Oak	*(Quercus wislizeni)*	8,10	10	23	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28798	Interior Live Oak	*(Quercus wislizeni)*	10,12,12	12	27	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28799	Interior Live Oak	*(Quercus wislizeni)*		9	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Out of balance to the southwest; above average amount of deadwood.	None at this time.
28800	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28801	Interior Live Oak	*(Quercus wislizeni)*		10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28802	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	24	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly out of balance to the west; slightly above average amount of deadwood.	None at this time.
28803	Interior Live Oak	*(Quercus wislizeni)*		6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28804	Interior Live Oak	*(Quercus wislizeni)*		8	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
28805	Interior Live Oak	*(Quercus wislizeni)*	6,8,10,11,12,13	13	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	13	Forks 1'-3' above grade; weak attachments; above average amount of deadwood.	None at this time.
28806	Interior Live Oak	*(Quercus wislizeni)*		11	17	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28807	Interior Live Oak	*(Quercus wislizeni)*		7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28808	Interior Live Oak	*(Quercus wislizeni)*		6	9	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28809	Blue Oak	*(Quercus douglasii)*		9	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Lower trunk is covered in dense growth poison oak; tag tied to poison oak.	None at this time.
28810	Interior Live Oak	*(Quercus wislizeni)*		6	10	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the west; above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28811	Interior Live Oak	*(Quercus wislizeni)*	7,7,8,11	11	31	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Forks 3' above grade; weak attachments with included bark and evidence of old fractures; out of balance to the west; above average amount of deadwood.	None at this time.
28812	Interior Live Oak	*(Quercus wislizeni)*		7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Measured 3' above grade; out of balance to the east; slightly above average amount of deadwood.	None at this time.
28813	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28814	Interior Live Oak	*(Quercus wislizeni)*		9	24	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28815	Interior Live Oak	*(Quercus wislizeni)*		11	18	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood; sparse foliage.	None at this time.
28816	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28817	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28818	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	24	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly out of balance to the west; slightly above average amount of deadwood.	None at this time.
28819	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28820	Interior Live Oak	*(Quercus wislizeni)*		6	17	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the south; above average amount of deadwood.	None at this time.
28821	Interior Live Oak	*(Quercus wislizeni)*	5,9	9	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Out of balance to the north; above average amount of deadwood.	None at this time.
28822	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28823	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
28824	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28825	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28826	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28827	Interior Live Oak	*(Quercus wislizeni)*		7	22	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28828	Interior Live Oak	*(Quercus wislizeni)*		8	19	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Suppressed; out of balance; grows almost horizontal to grade to the east; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28829	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28830	Interior Live Oak	*(Quercus wislizeni)*		12	27	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Above average amount of deadwood.	None at this time.
28831	Interior Live Oak	*(Quercus wislizeni)*		15	32	Fair	Fair	Fair	Fair	Fair	Fair	3	15	Slightly out of balance to the west; slightly above average amount of deadwood.	None at this time.
28832	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
28833	Interior Live Oak	*(Quercus wislizeni)*		11	29	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Past partial failure of the root system has left the tree growing at an angle to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28834	Interior Live Oak	*(Quercus wislizeni)*		7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly out of balance to the south; slightly above average amount of deadwood.	None at this time.
28835	Interior Live Oak	*(Quercus wislizeni)*		12	24	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Above average amount of deadwood.	None at this time.
28836	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
28837	Interior Live Oak	*(Quercus wislizeni)*		13	32	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Slightly out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
28838	Interior Live Oak	*(Quercus wislizeni)*		6	24	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28839	Interior Live Oak	*(Quercus wislizeni)*		9	15	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28840	Interior Live Oak	*(Quercus wislizeni)*	11,13	13	29	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Above average amount of deadwood.	None at this time.
28841	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	34	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
28842	Interior Live Oak	*(Quercus wislizeni)*		11	32	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Out of balance to the south; above average amount of deadwood.	None at this time.
28843	Interior Live Oak	*(Quercus wislizeni)*	6,7,8	8	24	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks at grade; slightly above average amount of deadwood.	None at this time.
28844	Interior Live Oak	*(Quercus wislizeni)*		14	28	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
28845	Interior Live Oak	*(Quercus wislizeni)*	6,12	12	24	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28846	Interior Live Oak	*(Quercus wislizeni)*	6,8,9	9	15	Fair	Fair	Poor	Poor	Poor to fair	Poor	2	9	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
28847	Interior Live Oak	*(Quercus wislizeni)*	5,9	9	15	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
28848	Blue Oak	*(Quercus douglasii)*		9	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Above average amount of deadwood.	None at this time.
28849	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	23	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks grade to 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
28850	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	16	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
28851	Interior Live Oak	*(Quercus wislizeni)*		7	21	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Out of balance to the west; above average amount of deadwood.	None at this time.
28852	Interior Live Oak	*(Quercus wislizeni)*		8	6	Poor	Poor to fair	Poor	Poor	Poor	Poor	1	0	Tree is 95% dead.	***Recommend removal due to nature and extent of noted defects.***
28853	Blue Oak	*(Quercus douglasii)*		16	24	Fair	Fair	Fair	Dormant	Fair	Fair	3	16	Above average amount of deadwood; poor bud swell.	None at this time.
28854	Interior Live Oak	*(Quercus wislizeni)*		8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28855	Interior Live Oak	*(Quercus wislizeni)*	5,8,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28856	Interior Live Oak	*(Quercus wislizeni)*		7	18	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the northwest; above average amount of deadwood.	None at this time.
28857	Interior Live Oak	*(Quercus wislizeni)*		7	13	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28858	Blue Oak	*(Quercus douglasii)*		11	16	Fair	Fair	Poor to fair	Dormant	Fair	Poor to fair	2	11	Above average amount of deadwood; poor bud swell.	None at this time.
28859	Interior Live Oak	*(Quercus wislizeni)*		6	9	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wound 2'-3' above grade with minor decay; bends upright; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28860	Blue Oak	*(Quercus douglasii)*		6	6	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28861	Interior Live Oak	*(Quercus wislizeni)*		7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28862	Interior Live Oak	*(Quercus wislizeni)*		7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28863	Interior Live Oak	*(Quercus wislizeni)*	7,7,12	12	26	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	12	Forks grade to 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
28864	Interior Live Oak	*(Quercus wislizeni)*	7,11	11	25	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28865	Interior Live Oak	*(Quercus wislizeni)*	10,11,11,12	12	29	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
28866	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	27	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28867	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
28868	Interior Live Oak	*(Quercus wislizeni)*		7	24	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28869	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	13	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Callusing basal lower trunk wounds, various locations; above average amount of deadwood.	None at this time.
28870	Blue Oak	*(Quercus douglasii)*		7	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28871	Interior Live Oak	*(Quercus wislizeni)*	6,6,8	8	27	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28872	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,8	8	29	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Weak attachments; slightly above average amount of deadwood.	None at this time.
28873	Interior Live Oak	*(Quercus wislizeni)*		12	19	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28874	Interior Live Oak	*(Quercus wislizeni)*	7,11	11	26	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28875	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
28876	Interior Live Oak	*(Quercus wislizeni)*	4,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28877	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,6,7	7	24	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
28878	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	18	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28879	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28880	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28881	Interior Live Oak	*(Quercus wislizeni)*	6,7,7,8	8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28882	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28883	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28884	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28885	Interior Live Oak	*(Quercus wislizeni)*		7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28886	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28887	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28888	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28889	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,8,12	12	21	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Forks 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
28890	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	12	Fair	Poor	Poor to fair	Poor to fair	Fair	Poor	1	0	Forks 1' above grade; callusing basal trunk wounds, west side, with minor decay; out of balance to the east; above average amount of deadwood; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
28891	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood; slightly sparse foliage.	None at this time.
28892	Interior Live Oak	*(Quercus wislizeni)*		12	26	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Out of balance to the east: slightly above average amount of deadwood.	None at this time.
28893	Interior Live Oak	*(Quercus wislizeni)*		9	15	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Leans south; slightly above average amount of deadwood.	None at this time.
28894	Interior Live Oak	*(Quercus wislizeni)*	5,5,5,5,6	6	22	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28895	Interior Live Oak	*(Quercus wislizeni)*	4,5,5,5,8	8	28	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
28896	Interior Live Oak	*(Quercus wislizeni)*	7,9	9	28	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Forks 1' above grade; inherently weak primary crotch with included bark; out of balance to the west; slightly above average amount of deadwood.	None at this time.
28897	Interior Live Oak	*(Quercus wislizeni)*	9,10,11	11	27	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Forks grade to 1' above grade; inherently weak primary crotch with included bark; weak attachments; old callous on the lower trunk; above average amount of deadwood.	None at this time.
28898	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	11	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28899	Interior Live Oak	*(Quercus wislizeni)*		14	18	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Above average amount of deadwood.	None at this time.
28900	Interior Live Oak	*(Quercus wislizeni)*	4,8,12	12	16	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Above average amount of deadwood.	None at this time.
28901	Interior Live Oak	*(Quercus wislizeni)*	4,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28902	Blue Oak	*(Quercus douglasii)*		11	18	Fair	Fair	Fair	Dormant	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28903	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Overgrown with dense poison oak; tag on branch.	None at this time.
28904	Interior Live Oak	*(Quercus wislizeni)*		12	21	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28905	Interior Live Oak	*(Quercus wislizeni)*		6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28906	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28907	Interior Live Oak	*(Quercus wislizeni)*		7	11	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28908	Interior Live Oak	*(Quercus wislizeni)*	3,5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28909	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28910	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28911	Interior Live Oak	*(Quercus wislizeni)*	5,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28912	Interior Live Oak	*(Quercus wislizeni)*		6	24	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28913	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	24	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28914	Interior Live Oak	*(Quercus wislizeni)*		12	18	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28915	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	13	Fair	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	6	Above average amount of deadwood; sparse foliage.	None at this time.
28916	Interior Live Oak	*(Quercus wislizeni)*	7,11	11	20	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28917	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,7	7	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks grade to 1' above grade; weak attachments; out of balance to the southwest; above average amount of deadwood.	None at this time.
28918	Interior Live Oak	*(Quercus wislizeni)*	6,7,11	11	26	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28919	Interior Live Oak	*(Quercus wislizeni)*		7	23	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28920	Interior Live Oak	*(Quercus wislizeni)*		11	25	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28921	Interior Live Oak	*(Quercus wislizeni)*		6	23	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
28922	Interior Live Oak	*(Quercus wislizeni)*		9	18	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28923	Interior Live Oak	*(Quercus wislizeni)*	7,9	9	22	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Out of balance to the south; callusing basal lower trunk wounds; moderate to significant decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28924	Blue Oak	*(Quercus douglasii)*		9	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28925	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the southwest; above average amount of deadwood.	None at this time.
28926	Interior Live Oak	*(Quercus wislizeni)*		12	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Callusing basal lower trunk wounds, with no obvious decay, various locations; slightly above average amount of deadwood.	None at this time.
28927	Interior Live Oak	*(Quercus wislizeni)*	8,9,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28928	Interior Live Oak	*(Quercus wislizeni)*		13	25	Fair	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	13	Above average amount of deadwood; sparse foliage.	None at this time.
28929	Interior Live Oak	*(Quercus wislizeni)*	6,7,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
28930	Interior Live Oak	*(Quercus wislizeni)*		8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28931	Interior Live Oak	*(Quercus wislizeni)*	7,10	10	24	Fair	Poor to fair	Poor	Poor to fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with moderate decay, various locations; out of balance to the south and southeast; above average amount of deadwood; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
28932	Interior Live Oak	*(Quercus wislizeni)*		9	15	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28933	Interior Live Oak	*(Quercus wislizeni)*		14	24	Fair	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	14	Above average amount of deadwood; sparse foliage.	None at this time.
28934	Interior Live Oak	*(Quercus wislizeni)*		8	25	Fair	Poor	Poor	Fair	Poor	Fair	1	0	Callusing lower trunk wounds, two locations, with significant decay; out of balance to the east; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28935	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28936	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	21	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Past partial failure of the root system left the lower 4' of the trunk growing at an angle to the south; callusing trunk wound with moderate interior decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28937	Interior Live Oak	*(Quercus wislizeni)*		6	8	Fair	Fair	Poor	Poor	Fair	Poor	1	0	Tree is 90% dead.	***Recommend removal due to nature and extent of noted defects.***
28938	Interior Live Oak	*(Quercus wislizeni)*		11	16	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood.	None at this time.
28939	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28940	Interior Live Oak	*(Quercus wislizeni)*	4,7	7	31	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28941	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	34	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Suppressed; out of balance to the south; slightly above average amount of deadwood.	None at this time.
28942	Interior Live Oak	*(Quercus wislizeni)*		10	14	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28943	Interior Live Oak	*(Quercus wislizeni)*	6,10	10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28944	Interior Live Oak	*(Quercus wislizeni)*		11	20	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28945	Interior Live Oak	*(Quercus wislizeni)*		8	19	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
28946	Interior Live Oak	*(Quercus wislizeni)*		6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28947	Interior Live Oak	*(Quercus wislizeni)*		14	33	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	14	Out of balance to the southwest; above average amount of deadwood.	None at this time.
28948	Interior Live Oak	*(Quercus wislizeni)*	8,9,13,14	14	31	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	14	Forks grade to 3' above grade; inherently weak primary crotch with included bark; above average amount of deadwood.	None at this time.
28949	Interior Live Oak	*(Quercus wislizeni)*	10,11,12	12	28	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28950	Interior Live Oak	*(Quercus wislizeni)*		10	28	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28951	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28952	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28953	Interior Live Oak	*(Quercus wislizeni)*		7	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair		7	Suppressed; out of balance to the southwest; above average amount of deadwood.	None at this time.
28954	Interior Live Oak	*(Quercus wislizeni)*		10	22	Fair	Fair	Fair	Fair	Fair	Fair	2	10	Slightly out of balance to the west; slightly above average amount of deadwood.	None at this time.
28955	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28956	Interior Live Oak	*(Quercus wislizeni)*		8	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
28957	Interior Live Oak	*(Quercus wislizeni)*	8,10	10	25	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28958	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Forks at grade; weak attachments; callusing lower trunk wounds with minor decay, various locations; above average amount of deadwood.	None at this time.
28959	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	27	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Forks grade to 1' above grade; weak attachments; out of balance to the northwest; above average amount of deadwood.	None at this time.
28960	Interior Live Oak	*(Quercus wislizeni)*	6,7,8,9	9	25	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28961	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28962	Interior Live Oak	*(Quercus wislizeni)*	7,8,10	10	31	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28963	Interior Live Oak	*(Quercus wislizeni)*		7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28964	Interior Live Oak	*(Quercus wislizeni)*	4,5,6,8	8	29	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28965	Blue Oak	*(Quercus douglasii)*	7,8,12	12	21	Fair	Fair	Fair	Dormant	Fair	Fair	3	12	Forks 1'-3' above grade; weak attachments; above average amount of deadwood.	None at this time.
28966	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28967	Interior Live Oak	*(Quercus wislizeni)*		10	23	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
28968	Interior Live Oak	*(Quercus wislizeni)*	5,6,10	10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28970	Interior Live Oak	*(Quercus wislizeni)*		10	24	Poor	Poor	Fair	Fair	Poor	Fair	1	0	Past partial failure of the root system has left 12' of the main stem lying prone on grade; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
28971	Interior Live Oak	*(Quercus wislizeni)*		7	10	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28972	Interior Live Oak	*(Quercus wislizeni)*		11	27	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Out of balance to the east; old trunk wound grade to 14' above grade; moderate to significant decay throughout.	***Recommend removal due to nature and extent of noted defects.***
28973	Valley Oak	*(Quercus lobata)*		17	24	Fair	Fair	Fair	Dormant	Fair	Fair	3	17	Slightly above average amount of deadwood.	None at this time.
28974	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28975	Interior Live Oak	*(Quercus wislizeni)*		20	28	Fair	Fair	Fair	Fair	Fair	Fair	3	20	Leans northeast; slightly above average amount of deadwood.	None at this time.
28976	Interior Live Oak	*(Quercus wislizeni)*	6,6,12	12	29	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28977	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
28978	Interior Live Oak	*(Quercus wislizeni)*		9	20	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
28979	Interior Live Oak	*(Quercus wislizeni)*	7,8,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28980	Interior Live Oak	*(Quercus wislizeni)*	10,12	12	24	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28981	Interior Live Oak	*(Quercus wislizeni)*		8	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the northwest; above average amount of deadwood.	None at this time.
28982	Interior Live Oak	*(Quercus wislizeni)*	6,6,7,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
28983	Interior Live Oak	*(Quercus wislizeni)*		8	19	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
28984	Interior Live Oak	*(Quercus wislizeni)*	7,10,11	28	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	28	Forks grade and 3' above grade; weak attachments with included bark; above average amount of deadwood.	None at this time.
28985	Interior Live Oak	*(Quercus wislizeni)*	7,8,10,12,14,14	14	31	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds, various locations, with minor to moderate decay; forks grade to 2' above grade; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
28986	Interior Live Oak	*(Quercus wislizeni)*	7,13	13	31	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	13	Suppressed; out of balance to the northwest; above average amount of deadwood.	None at this time.
28987	Interior Live Oak	*(Quercus wislizeni)*		9	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Suppressed; out of balance to the east; above average amount of deadwood.	None at this time.
28988	Interior Live Oak	*(Quercus wislizeni)*		13	31	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Out of balance to the east; above average amount of deadwood.	None at this time.
28989	Interior Live Oak	*(Quercus wislizeni)*	6,8,11	11	28	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
28990	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks 1' above grade; weak attachments; out of balance to the west; slightly above average amount of deadwood.	None at this time.
28991	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	26	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
28992	Interior Live Oak	*(Quercus wislizeni)*	4,5,5,5,6,7	7	23	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks grade to 3' above grade; weak attachments; above average amount of deadwood.	None at this time.
28993	Interior Live Oak	*(Quercus wislizeni)*		12	20	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
28994	Interior Live Oak	*(Quercus wislizeni)*	7.8.14	14	28	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
28995	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	21	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
28996	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
28997	Interior Live Oak	*(Quercus wislizeni)*		8	24	Fair	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	8	Out of balance to the south; above average amount of deadwood; sparse foliage.	None at this time.
28998	Interior Live Oak	*(Quercus wislizeni)*	7,8,9	9	24	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Suppressed; out of balance to the southwest; forks at grade; weak attachments; separation between root collars; above average amount of deadwood.	None at this time.
28999	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	17	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds, various locations, with minor to moderate decay; above average amount of deadwood; slightly spare foliage.	***Recommend removal due to nature and extent of noted defects.***
29000	Blue Oak	*(Quercus douglasii)*		13	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	13	Above average amount of deadwood.	None at this time.
29001	Blue Oak	*(Quercus douglasii)*		6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29002	Interior Live Oak	*(Quercus wislizeni)*	5,6,8,9	9	26	Poor to fair	Poor to fair	Poor	Fair	Poor	Fair	1	0	Forks at grade; weak attachments; callusing scaffold wounds, various locations; moderate to significant decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29003	Interior Live Oak	*(Quercus wislizeni)*	5,7,8, 9,11	11	30	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29004	Interior Live Oak	*(Quercus wislizeni)*	11,13	13	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	13	Suppressed; out of balance to the west and north; above average amount of deadwood.	None at this time.
29005	Interior Live Oak	*(Quercus wislizeni)*	5,9	9	32	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly out of balance to the north; slightly above average amount of deadwood.	None at this time.
29006	Interior Live Oak	*(Quercus wislizeni)*		8	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the east; above average amount of deadwood.	None at this time.
29007	Interior Live Oak	*(Quercus wislizeni)*	6,6,8,11	11	31	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Smaller stem slightly separated from the two larger stems; above average amount of deadwood.	None at this time.
29008	Interior Live Oak	*(Quercus wislizeni)*		12	27	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Suppressed; out of balance to the southwest; bends west; above average amount of deadwood.	None at this time.
29009	Interior Live Oak	*(Quercus wislizeni)*	7,12	12	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29010	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,9	9	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Suppressed; out of balance to the west; above average amount of deadwood.	None at this time.
29011	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,5,6,6,7,8, 10	10	25	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Suppressed; out of balance to the south; approximately half the tree is growing horizontal to grade; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29012	Interior Live Oak	*(Quercus wislizeni)*	7,17	17	27	Fair	Fair	Fair	Fair	Fair	Fair	3	17	Slightly above average amount of deadwood.	None at this time.
29013	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	28	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29014	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	23	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the northeast; above average amount of deadwood.	None at this time.
29015	Interior Live Oak	*(Quercus wislizeni)*	7,17	17	27	Fair	Fair	Fair	Fair	Fair	Fair	3	17	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29016	Interior Live Oak	*(Quercus wislizeni)*		7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29017	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29018	Interior Live Oak	*(Quercus wislizeni)*		6	17	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Out of balance to the south; bends west; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29019	Interior Live Oak	*(Quercus wislizeni)*	8,12	12	30	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	0	Callusing basal trunk wounds, north side, with moderate decay; out of balance to the south; forks 1' above grade; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29020	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	28	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the south; above average amount of deadwood.	None at this time.
29021	Interior Live Oak	*(Quercus wislizeni)*		12	20	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Above average amount of deadwood.	None at this time.
29022	Interior Live Oak	*(Quercus wislizeni)*		12	22	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Above average amount of deadwood.	None at this time.
29023	Interior Live Oak	*(Quercus wislizeni)*		12	32	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Out of balance to the north; bends west; resting on adjacent trees; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29024	Interior Live Oak	*(Quercus wislizeni)*		7	23	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Grows at an angle north, with a crook southwest; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29025	Interior Live Oak	*(Quercus wislizeni)*	11,14	14	32	Poor to fair	Poor	Poor to fair	Fair	Poor	Poor to fair	1	0	Callusing basal trunk wounds, with moderate decay, various locations; out of balance to the west and south; forks at grade; stress fracture through primary crotch; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29026	Interior Live Oak	*(Quercus wislizeni)*		10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Measured 3.5' above grade; forks 4' above grade; above average amount of deadwood.	None at this time.
29027	Interior Live Oak	*(Quercus wislizeni)*		15	29	Fair	Fair	Fair	Fair	Fair	Fair	3	15	Above average amount of deadwood.	None at this time.
29028	Interior Live Oak	*(Quercus wislizeni)*		8	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the west; above average amount of deadwood.	None at this time.
29029	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29030	Interior Live Oak	*(Quercus wislizeni)*		9	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Suppressed; leans northeast; bends southeast; callusing scaffold wounds with moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29031	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	27	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Out of balance to the south; forks 1'-4' above grade; weak attachments; above average amount of deadwood.	None at this time.
29032	Blue Oak	*(Quercus douglasii)*		9	24	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Out of balance to the south; above average amount of deadwood.	None at this time.
29033	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	15	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
29034	Interior Live Oak	*(Quercus wislizeni)*	6,12	12	27	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly out of balance to the west; above average amount of deadwood.	None at this time.
29035	Interior Live Oak	*(Quercus wislizeni)*	21,28	28	20	Poor	Fair	Fair	Fair	Poor	Fair	3	28	Measured 2' above grade.	None at this time.
29036	Interior Live Oak	*(Quercus wislizeni)*		8	11	Poor	Fair	Fair	Fair	Fair	Fair	3	8		None at this time.
29037	Blue Oak	*(Quercus douglasii)*		6	8	Fair	Fair	Poor	Dormant	Fair	Poor	2	6		None at this time.
29038	Interior Live Oak	*(Quercus wislizeni)*		21	25	Fair	Fair	Fair	Fair	Fair	Fair	3	21	Measured 2' above grade.	None at this time.
29039	Valley Oak	*(Quercus lobata)*		11	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	11		None at this time.
29040	Interior Live Oak	*(Quercus wislizeni)*	13,19	19	20	Fair	Fair	Fair	Fair	Fair	Fair	3	19		None at this time.
29041	Interior Live Oak	*(Quercus wislizeni)*		13	15	Fair	Fair	Fair	Fair	Fair	Fair	3	13		None at this time.
29042	Interior Live Oak	*(Quercus wislizeni)*		8	12	Fair	Fair	Fair	Fair	Fair	Fair	3	8		None at this time.
29043	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	17	Poor	Poor	Poor	Poor to fair	Poor	Poor	1	0	Sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29044	Interior Live Oak	*(Quercus wislizeni)*		16	19	Fair	Fair	Fair	Fair	Fair	Fair	3	16		None at this time.
29045	Interior Live Oak	*(Quercus wislizeni)*		6	12	Fair	Poor	Poor	Poor to fair	Poor	Poor	2	0	Sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29046	Interior Live Oak	*(Quercus wislizeni)*		6	8	Fair	Fair	Poor	Poor to fair	Poor	Poor	2	6	Sparse foliage.	None at this time.
29047	Interior Live Oak	*(Quercus wislizeni)*		10	12	Fair	Fair	Fair	Fair	Fair	Fair	3	10		None at this time.
29048	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Poor	Poor	Poor to fair	Poor	Poor	1	0	Fruiting bodies with decay on all stems; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29049	Interior Live Oak	*(Quercus wislizeni)*		6	16	Poor	Poor	Poor	Poor to fair	Poor	Poor	1	0	Embedded bark from grade to the primary crotch with included bark; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29050	Interior Live Oak	*(Quercus wislizeni)*		7	5	Fair	Poor	Poor	Poor to fair	Poor	Poor	1	0	Top of the tree has broken out at 10'; sparse foliage; trunk decay; tree is almost dead.	***Recommend removal due to nature and extent of noted defects.***

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29051	Interior Live Oak	*(Quercus wislizeni)*	6,7,7,8	8	14	Poor	Poor	Poor	Poor to fair	Poor	Poor	1	0	Decay evident in the two of the four trunks; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29052	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Poor	Poor	Poor to fair	Poor	Poor	1	0	Sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29053	Interior Live Oak	*(Quercus wislizeni)*	6,7,10	10	19	Fair	Fair	Poor	Poor to fair	Poor	Poor	2	10	Sparse foliage.	None at this time.
29054	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Poor	Poor	Poor to fair	Poor	Poor	1	0	Sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29055	Interior Live Oak	*(Quercus wislizeni)*		9	19	Fair	Fair	Poor	Poor to fair	Poor	Poor	2	9	Sparse foliage.	None at this time.
29056	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Poor	Poor to fair	Poor	Poor	2	6	Sparse foliage.	None at this time.
29057	Interior Live Oak	*(Quercus wislizeni)*	8,8,8, 12,13	13	30	Poor	Poor	Poor	Fair	Poor	Poor	1	0	Measured 3' above grade; decay, east side, with included bark.	***Recommend removal due to nature and extent of noted defects.***
29058	Blue Oak	*(Quercus douglasii)*		10	12	Fair	Fair	Fair	Dormant	Fair	Poor	2	10		None at this time.
29059	Blue Oak	*(Quercus douglasii)*		10	12	Fair	Fair	Fair	Dormant	Fair	Poor	2	10		None at this time.
29060	Interior Live Oak	*(Quercus wislizeni)*	7,9	9	16	Fair	Poor	Poor	Poor to fair	Poor	Poor	1	0	Several large dead trunks; above average amount of deadwood; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29061	Interior Live Oak	*(Quercus wislizeni)*		7	9	Fair	Fair	Poor	Poor to fair	Poor	Poor	2	7		None at this time.
29062	Interior Live Oak	*(Quercus wislizeni)*	6,6,8	8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8		None at this time.
29063	Interior Live Oak	*(Quercus wislizeni)*		13	16	Fair	Fair	Fair	Fair	Fair	Fair	3	13		None at this time.
29064	Interior Live Oak	*(Quercus wislizeni)*	6,6,6, 7,12	12	17	Fair	Fair	Fair	Fair	Fair	Fair	3	12		None at this time.
29065	Blue Oak	*(Quercus douglasii)*		9	13	Poor	Poor	Poor	Dormant	Fair	Poor	1	0	Decay with cavity, west side, at grade; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29066	Interior Live Oak	*(Quercus wislizeni)*		9	12	Fair	Poor	Fair	Poor to fair	Fair	Poor	2	9	Decay in trunk at 5', south side, with some decay; sparse foliage.	None at this time.
29067	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	16	Fair	Fair	Poor	Poor to fair	Fair	Poor	2	6	Sparse foliage.	None at this time.
29068	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Poor	Poor	Poor to fair	Poor	Poor	1	0	Trunk decay evident, southwest side; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29069	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Poor	Fair	2	7		None at this time.
29070	Interior Live Oak	*(Quercus wislizeni)*		8	13	Poor	Poor	Poor	Poor to fair	Poor	Poor	1	0	Root crown and trunk decay, north side; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29071	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	14	Fair	Fair	Poor	Poor to fair	Poor	Poor	1	0	Sparse foliage.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29072	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8		None at this time.
29073	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	14	Fair	Fair	Fair	Poor to fair	Fair	Fair	2	6	Sparse foliage.	None at this time.
29074	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	14	Fair	Poor	Fair	Fair	Poor	Fair	2	8	Included bark between stems, grade to 2' above grade.	None at this time.
29075	Interior Live Oak	*(Quercus wislizeni)*		9	11	Fair	Poor	Poor	Poor to fair	Poor	Poor	1	0	Decay column, west side, 1'-3.5' above grade; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29076	Interior Live Oak	*(Quercus wislizeni)*		8	14	Poor	Fair	Fair	Poor to fair	Poor	Fair	2	8	Sparse foliage.	None at this time.
29077	Interior Live Oak	*(Quercus wislizeni)*	6,10	10	15	Fair	Fair	Fair	Fair	Fair	Fair	3	10		None at this time.
29078	Interior Live Oak	*(Quercus wislizeni)*		7	9	Fair	Fair	Fair	Fair	Fair	Fair	3	7		None at this time.
29079	Interior Live Oak	*(Quercus wislizeni)*		9	11	Fair	Fair	Fair	Fair	Fair	Fair	3	9		None at this time.
29080	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly out of balance to the south; slightly above average amount of deadwood.	None at this time.
29081	Interior Live Oak	*(Quercus wislizeni)*	6,7,8	8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29082	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29083	Interior Live Oak	*(Quercus wislizeni)*	6,6,8	8	23	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Forks at grade; weak attachments; out of balance to the south; slightly above average amount of deadwood.	None at this time.
29084	Interior Live Oak	*(Quercus wislizeni)*		12	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29085	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
29086	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29087	Interior Live Oak	*(Quercus wislizeni)*		7	17	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Out of balance to the northeast; slightly above average amount of deadwood.	None at this time.
29088	Interior Live Oak	*(Quercus wislizeni)*		8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Leans north.	None at this time.
29089	Interior Live Oak	*(Quercus wislizeni)*	5,6,8,8	8	21	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Poor to fair	2	8	Forks grade to 2' above grade; weak attachments; callusing wound on one of the 8" stems; above average amount of deadwood.	None at this time.
29090	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29091	Interior Live Oak	*(Quercus wislizeni)*		12	15	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly out of balance to the south; slightly above average amount of deadwood.	None at this time.
29092	Interior Live Oak	*(Quercus wislizeni)*	6,8,9	9	27	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds, various locations, with minor to moderate decay; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29093	Interior Live Oak	*(Quercus wislizeni)*	11,12	12	29	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Forks 2' above grade; weak attachments; included bark and evidence of stress fracture through the primary crotch; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29094	Interior Live Oak	*(Quercus wislizeni)*	8,10	10	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	10	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
29095	Interior Live Oak	*(Quercus wislizeni)*	6,8,10	10	24	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	0	Callusing basal lower trunk wounds, various locations, with moderate decay; forks 2'-3' above grade; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29096	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29097	Interior Live Oak	*(Quercus wislizeni)*		10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29098	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	14	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Callusing basal lower trunk wounds, various locations; weak attachments; above average amount of deadwood.	None at this time.
29099	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29100	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly out of balance to the south; slightly above average amount of deadwood.	None at this time.
29101	Interior Live Oak	*(Quercus wislizeni)*	8,9	9	18	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Forks at grade; out of balance to the south; slightly above average amount of deadwood.	None at this time.
29102	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29103	Interior Live Oak	*(Quercus wislizeni)*		8	22	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly out of balance to the south; slightly above average amount of deadwood.	None at this time.
29104	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29105	Interior Live Oak	*(Quercus wislizeni)*	8,9	9	21	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	2	0	Forks at grade; weak attachments; callusing trunk wound primary crotch 6' above grade, east side; moderate to significant decay; out of balance to the west.	***Recommend removal due to nature and extent of noted defects.***
29106	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,8	8	21	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Forks grade to 1' above grade; weak attachments; out of balance to the east; above average amount of deadwood.	None at this time.
29107	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	22	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the north; slightly above average amount of deadwood.	None at this time.
29108	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	22	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the northeast; slightly above average amount of deadwood.	None at this time.
29109	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	24	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Forks slightly above grade; weak attachments; out of balance to the north; above average amount of deadwood.	None at this time.
29110	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29111	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29112	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29113	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	13	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29114	Interior Live Oak	*(Quercus wislizeni)*		6	8	Poor	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wound, west side, to 1.5' above grade; moderate decay; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29115	Interior Live Oak	*(Quercus wislizeni)*	4,4,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29116	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29117	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29118	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29119	Interior Live Oak	*(Quercus wislizeni)*	4,5,6,6,7,8,9	9	20	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29120	Interior Live Oak	*(Quercus wislizeni)*	4,6,7	7	18	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the west; slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29121	Interior Live Oak	*(Quercus wislizeni)*	4,4,4,5	5	14	Fair	Fair	Fair	Fair	Fair	Fair	3		Forks grade to 1' above grade; weak attachments; slightly above average amount of deadwood.	None at this time.
29122	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,8	8	18	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Forks grade to 1' above grade; weak attachments; slightly above average amount of deadwood.	None at this time.
29123	Interior Live Oak	*(Quercus wislizeni)*	4,4,4,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29124	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29125	Interior Live Oak	*(Quercus wislizeni)*		6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29126	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	19	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29127	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,6	6	22	Poor to fair	Poor to fair	Fair	Poor to fair	Poor to fair	Fair	2	6	Forks grade to 2' above grade; weak attachments; up to a foot of separation between the root collars; above average amount of deadwood.	None at this time.
29128	Interior Live Oak	*(Quercus wislizeni)*		8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29129	Interior Live Oak	*(Quercus wislizeni)*	6,7,10	10	21	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	10	Forks grade to 3' above grade; weak attachments; out of balance to the south; above average amount of deadwood; slightly sparse foliage.	None at this time.
29130	Interior Live Oak	*(Quercus wislizeni)*		7	8	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Old callusing wounds at points of old limb removal; minor to moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29131	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Above average amount of deadwood; slightly sparse foliage.	None at this time.
29132	Interior Live Oak	*(Quercus wislizeni)*		6	19	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29133	Interior Live Oak	*(Quercus wislizeni)*	6,7,8	8	26	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Forks at grade; out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29134	Interior Live Oak	*(Quercus wislizeni)*		6	8	Fair	Poor	Poor	Poor	Poor	Poor	1	0	Tree is 95% dead.	***Recommend removal due to nature and extent of noted defects.***
29135	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	15	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Callusing basal wounds, various locations; out of balance to the south; slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29136	Interior Live Oak	*(Quercus wislizeni)*		6	9	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal trunk wound, north side, with significant decay; out of balance to the north; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29137	Interior Live Oak	*(Quercus wislizeni)*		6	22	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29138	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
29139	Interior Live Oak	*(Quercus wislizeni)*		9	20	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29140	Interior Live Oak	*(Quercus wislizeni)*		7	23	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the south; slightly above average amount of deadwood.	None at this time.
29141	Interior Live Oak	*(Quercus wislizeni)*		8	20	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Out of balance to the southwest; callusing basal lower trunk wounds, various locations; minor decay, various locations; above average amount of deadwood.	None at this time.
29142	Interior Live Oak	*(Quercus wislizeni)*		12	23	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	12	Out of balance to the south; above average amount of deadwood.	None at this time.
29143	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29144	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,8,9	9	23	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	9	Forks grade to 2' above grade; weak attachments; above average amount of deadwood.	None at this time.
29145	Interior Live Oak	*(Quercus wislizeni)*		10	29	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
29146	Interior Live Oak	*(Quercus wislizeni)*		8	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Callusing basal lower trunk wounds, various locations, with minor decay; out of balance to the northeast; slightly above average amount of deadwood.	None at this time.
29147	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the east; above average amount of deadwood.	None at this time.
29148	Interior Live Oak	*(Quercus wislizeni)*		7	14	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29149	Interior Live Oak	*(Quercus wislizeni)*	8,9	9	27	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29150	Interior Live Oak	*(Quercus wislizeni)*		9	16	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds, various locations, with moderate decay; out of balance to the north; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29151	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	24	Fair	Fair	Poor to fair	Fair	Fair	Poor to fair	2	7	Above average amount of deadwood; slightly sparse foliage.	None at this time.
29152	Interior Live Oak	*(Quercus wislizeni)*		6	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the south; slightly above average amount of deadwood.	None at this time.
29153	Interior Live Oak	*(Quercus wislizeni)*	6,10,11, 12	12	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	12	Forks grade to 2' above grade; weak attachments; above average amount of deadwood.	None at this time.
29154	Blue Oak	*(Quercus douglasii)*		6	6	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29155	Blue Oak	*(Quercus douglasii)*	5,6,6	6	24	Fair	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	2	6	Forks grade to 3' above grade; weak attachments; slightly above average amount of deadwood.	None at this time.
29156	Interior Live Oak	*(Quercus wislizeni)*	6,6,7,8	8	28	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29157	Interior Live Oak	*(Quercus wislizeni)*		14	32	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	14	Suppressed; out of balance to the north; slightly above average amount of deadwood.	None at this time.
29158	Interior Live Oak	*(Quercus wislizeni)*		12	21	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Measured 3' above grade; out of balance to the east; callusing trunk and scaffold wounds through the upper canopy; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29159	Interior Live Oak	*(Quercus wislizeni)*		10	15	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29160	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	22	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29161	Interior Live Oak	*(Quercus wislizeni)*		7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29162	Interior Live Oak	*(Quercus wislizeni)*	4,6,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29163	Interior Live Oak	*(Quercus wislizeni)*		14	18	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
29164	Interior Live Oak	*(Quercus wislizeni)*		8	24	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	3	8	Suppressed; out of balance to the west; above average amount of deadwood.	None at this time.
29165	Blue Oak	*(Quercus douglasii)*		14	22	Fair	Fair	Fair	Dormant	Fair	Fair	3	14	Above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29166	Interior Live Oak	*(Quercus wislizeni)*	7,8,8,8,9,12	12	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	12	Forks grade to 3' above grade; weak attachments; out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29167	Interior Live Oak	*(Quercus wislizeni)*	6,6,8,9, 10,12	12	26	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Suppressed; out of balance to the east; slightly above average amount of deadwood.	None at this time.
29168	Interior Live Oak	*(Quercus wislizeni)*	9,10	10	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	10	Forks slightly above grade; weak attachments; above average amount of deadwood.	None at this time.
29169	Interior Live Oak	*(Quercus wislizeni)*	5,6,8	8	23	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the west; weak attachments; above average amount of deadwood.	None at this time.
29170	Interior Live Oak	*(Quercus wislizeni)*	4,8,11,16	16	30	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks at grade; weak attachments; callusing basal lower trunk wounds; moderate decay; some grafting occurred on the largest stem; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29171	Valley Oak	*(Quercus lobata)*		19	25	Fair	Fair	Fair	Dormant	Fair	Fair	3	19	Slightly above average amount of deadwood.	None at this time.
29172	Interior Live Oak	*(Quercus wislizeni)*	6,7,12	12	25	Fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	12	Forks grade to 3' above grade; weak attachments; above average amount of deadwood; sparse foliage.	None at this time.
29173	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29174	Interior Live Oak	*(Quercus wislizeni)*		13	21	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	13	Out of balance to the south; above average amount of deadwood.	None at this time.
29175	Interior Live Oak	*(Quercus wislizeni)*	7,10	10	17	Fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	10	Forks grade to 3' above grade; weak attachments; above average amount of deadwood; sparse foliage.	None at this time.
29176	Blue Oak	*(Quercus douglasii)*		8	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29177	Blue Oak	*(Quercus douglasii)*	11,11,12	12	20	Fair	Fair	Fair	Dormant	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29178	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,7, 10,11,14	14	31	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	14	Forks grade to 3' above grade; weak attachments; out of balance to the east; above average amount of deadwood.	None at this time.
29179	Interior Live Oak	*(Quercus wislizeni)*		6	25	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the northeast; above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29180	Interior Live Oak	*(Quercus wislizeni)*	5,6,11	11	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Out of balance to the west; above average amount of deadwood.	None at this time.
29181	Interior Live Oak	*(Quercus wislizeni)*		9	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Suppressed; out of balance to the southwest; above average amount of deadwood.	None at this time.
29182	Interior Live Oak	*(Quercus wislizeni)*		6	8	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29183	Interior Live Oak	*(Quercus wislizeni)*	4,5,8	8	17	Poor to fair	Fair	Fair	Fair	Poor to fair	Fair	2	8	Callusing basal lower trunk wounds, various locations; slightly out of balance to the north; slightly above average amount of deadwood.	None at this time.
29184	Interior Live Oak	*(Quercus wislizeni)*	8,10	10	23	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Above average amount of deadwood.	None at this time.
29185	Interior Live Oak	*(Quercus wislizeni)*	5,5,7,8, 10,13	13	28	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Up to a foot of separation between the root collar; slightly above average amount of deadwood.	None at this time.
29186	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29187	Interior Live Oak	*(Quercus wislizeni)*		11	14	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29188	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	24	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29189	Interior Live Oak	*(Quercus wislizeni)*	8,8,8	8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29190	Interior Live Oak	*(Quercus wislizeni)*	5,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
29191	Interior Live Oak	*(Quercus wislizeni)*		6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29192	Interior Live Oak	*(Quercus wislizeni)*		14	28	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
29193	Interior Live Oak	*(Quercus wislizeni)*	6,8,9	9	23	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29194	Interior Live Oak	*(Quercus wislizeni)*	4,4,4, 5,5,6	6	23	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29195	Interior Live Oak	*(Quercus wislizeni)*		8	20	Fair	Poor to fair	Poor	Fair	Poor	Fair	2	8	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29196	Interior Live Oak	*(Quercus wislizeni)*	4,7	7	22	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29197	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	21	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.

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Sierra College, College Park Project Site
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29198	Interior Live Oak	*(Quercus wislizeni)*		8	27	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29199	Interior Live Oak	*(Quercus wislizeni)*	5,6,8	8	21	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks 1' above grade; weak attachments; suppressed; out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29200	Interior Live Oak	*(Quercus wislizeni)*	6,8,9	9	27	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29201	Interior Live Oak	*(Quercus wislizeni)*	4,4,5, 5,5,6	6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Forks grade to 2' above grade; weak attachments; above average amount of deadwood.	None at this time.
29202	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the west; above average amount of deadwood.	None at this time.
29203	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood; slightly sparse foliage.	None at this time.
29204	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	22	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Forks at grade; suppressed; out of balance to the southwest; above average amount of deadwood. Tree is located 3' north of the north fence line.	None at this time.
29205	Blue Oak	*(Quercus douglasii)*		8	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Tree is located 4' north of the north fence line.	None at this time.
29206	Blue Oak	*(Quercus douglasii)*	10,11	11	14	Poor	Poor	Poor	Dormant	Poor	Poor to fair	2	11	Callusing basal lower trunk wounds, with significant decay; above average amount of deadwood. Tree is located on the north side of the north fence.	None at this time.
29207	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
29208	Interior Live Oak	*(Quercus wislizeni)*	4,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29209	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7	7	23	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29210	Interior Live Oak	*(Quercus wislizeni)*	4,6,7	7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29211	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29212	Interior Live Oak	*(Quercus wislizeni)*	4,8	8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Dense poison oak growth underneath.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29213	Interior Live Oak	*(Quercus wislizeni)*	8,8,8,9	9	28	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Above average amount of deadwood.	None at this time.
29214	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	23	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Past partial failure of the root system has left the lower 8' of the main stem growing horizontal on grade; out of balance to the north; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29215	Interior Live Oak	*(Quercus wislizeni)*	10,14	14	23	Fair	Fair	Poor to fair	Fair	Fair	Fair	2	14	Measured 2' above grade; above average amount of deadwood.	None at this time.
29216	Blue Oak	*(Quercus douglasii)*		6	8	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
29217	Interior Live Oak	*(Quercus wislizeni)*	10,11	11	25	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Lower main trunk has an abrupt crook 3' from grade; above average amount of deadwood.	None at this time.
29218	Interior Live Oak	*(Quercus wislizeni)*		7	18	Poor	Poor	Poor to fair	Poor to fair	Poor	Fair	1	0	Trunk has an abrupt crook 2' above soil grade; basal defects with moderate decay; growing horizontal to the south and west; above average amount of deadwood; sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29219	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Above average amount of deadwood.	None at this time.
29220	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood. Located on the west fence line.	None at this time.
29221	Interior Live Oak	*(Quercus wislizeni)*		6	8	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Located west of the west property line.	None at this time.
29222	Interior Live Oak	*(Quercus wislizeni)*	7,8,9	24	24	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks at grade; weak attachments; callusing basal lower trunk wounds, various locations, with minor to moderate decay; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29223	Interior Live Oak	*(Quercus wislizeni)*	8,10,12, 13	13	27	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	13	Forks grade to 4' above grade; weak attachments; callusing basal lower trunk wounds, various locations, with minor decay; above average amount of deadwood.	None at this time.
29224	Interior Live Oak	*(Quercus wislizeni)*		10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Invaded with dense poison oak.	None at this time.
29225	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	18	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29226	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,6,7,10,11	11	24	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Old stump sprout with up to 2' of separation between the root collars; forks grade to 3.5' above grade; weak attachments; above average amount of deadwood.	None at this time.
29227	Interior Live Oak	*(Quercus wislizeni)*		10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly out of balance to the northeast.	None at this time.
29228	Blue Oak	*(Quercus douglasii)*		9	9	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Above average amount of deadwood.	None at this time.
29229	Interior Live Oak	*(Quercus wislizeni)*	6,7,8,9	9	30	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Forks grade to 3' above grade; weak attachments; above average amount of deadwood.	None at this time.
29230	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	21	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29231	Interior Live Oak	*(Quercus wislizeni)*		14	25	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Above average amount of deadwood.	None at this time.
29232	Interior Live Oak	*(Quercus wislizeni)*		11	16	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood.	None at this time.
29233	Blue Oak	*(Quercus douglasii)*		9	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29234	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29235	Interior Live Oak	*(Quercus wislizeni)*		13	20	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Slightly above average amount of deadwood.	None at this time.
29236	Interior Live Oak	*(Quercus wislizeni)*	4,5,8	8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29237	Interior Live Oak	*(Quercus wislizeni)*		6	25	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the northeast; above average amount of deadwood.	None at this time.
29238	Interior Live Oak	*(Quercus wislizeni)*		9	15	Fair	Fair	Poor	Poor	Poor to fair	Poor	2	9	Out of balance to the west; above average amount of deadwood.	None at this time.
29239	Interior Live Oak	*(Quercus wislizeni)*	6,10	10	17	Fair	Fair	Poor	Fair	Fair	Fair	2	10	Forks 8" above grade; Out of balance to the south east.	None at this time.
29240	Interior Live Oak	*(Quercus wislizeni)*	3,4,6	6	16	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
29241	Interior Live Oak	*(Quercus wislizeni)*	5,7,7,8	8	26	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29242	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	26	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29243	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	25	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Out of balance to the south; above average amount of deadwood.	None at this time.
29244	Interior Live Oak	*(Quercus wislizeni)*	4,6,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29245	Blue Oak	*(Quercus douglasii)*		7	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29246	Blue Oak	*(Quercus douglasii)*		6	17	Fair	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	2	6	Suppressed; out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29247	Interior Live Oak	*(Quercus wislizeni)*		13	22	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Above average amount of deadwood.	None at this time.
29248	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29249	Blue Oak	*(Quercus douglasii)*		8	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29250	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks at grade; weak attachments; minor decay; out of balance to the south; above average amount of deadwood.	None at this time.
29251	Blue Oak	*(Quercus douglasii)*		6	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29252	Interior Live Oak	*(Quercus wislizeni)*		6	6	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
29253	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks at grade; slightly above average amount of deadwood.	None at this time.
29254	Interior Live Oak	*(Quercus wislizeni)*		6	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29255	Interior Live Oak	*(Quercus wislizeni)*		9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29256	Interior Live Oak	*(Quercus wislizeni)*		6	20	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29257	Interior Live Oak	*(Quercus wislizeni)*	8,11,11, 12	12	22	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Forks at grade; 1' of separation between the root collars; weak attachments; above average amount of deadwood.	None at this time.
29258	Interior Live Oak	*(Quercus wislizeni)*		6	28	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29259	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29260	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29261	Interior Live Oak	*(Quercus wislizeni)*	5,5,7	7	23	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks 2' above grade; weak attachments; above average amount of deadwood.	None at this time.
29262	Interior Live Oak	*(Quercus wislizeni)*		9	17	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29263	Interior Live Oak	*(Quercus wislizeni)*		7	30	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	3	7	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
29264	Interior Live Oak	*(Quercus wislizeni)*		10	24	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Out of balance to the east; above average amount of deadwood.	None at this time.
29265	Interior Live Oak	*(Quercus wislizeni)*		9	18	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29266	Interior Live Oak	*(Quercus wislizeni)*		9	15	Poor	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing basal trunk wound, west side, to 1' above grade; significant interior decay; out of balance to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29267	Interior Live Oak	*(Quercus wislizeni)*		11	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29268	Interior Live Oak	*(Quercus wislizeni)*		8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29269	Interior Live Oak	*(Quercus wislizeni)*		9	15	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29270	Interior Live Oak	*(Quercus wislizeni)*		12	22	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Above average amount of deadwood.	None at this time.
29271	Interior Live Oak	*(Quercus wislizeni)*		8	28	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29272	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29273	Interior Live Oak	*(Quercus wislizeni)*		9	22	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29274	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29275	Blue Oak	*(Quercus douglasii)*		7	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29276	Blue Oak	*(Quercus douglasii)*	5,5,7	7	17	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29277	Interior Live Oak	*(Quercus wislizeni)*	9,10	10	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds, with moderate to significant decay, various locations; out of balance to the north; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29278	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29279	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.

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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29280	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29281	Interior Live Oak	*(Quercus wislizeni)*	5,7,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29282	Interior Live Oak	*(Quercus wislizeni)*		9	18	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29283	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,7,8	8	28	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29284	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29285	Blue Oak	*(Quercus douglasii)*		6	8	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29286	Interior Live Oak	*(Quercus wislizeni)*		6	10	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing lower trunk wound with significant decay; old limb shed north side with minor decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29287	Interior Live Oak	*(Quercus wislizeni)*		7	14	Poor	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	0	Out of balance to the north; callusing basal lower trunk wound, with moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29288	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	23	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29289	Blue Oak	*(Quercus douglasii)*		7	8	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29290	Interior Live Oak	*(Quercus wislizeni)*		6	11	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29291	Interior Live Oak	*(Quercus wislizeni)*		7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29292	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Poor to fair	Fair	Fair	Fair	2	8	Out of balance to the southwest.	None at this time.
29293	Interior Live Oak	*(Quercus wislizeni)*	5,6,6	6	20	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29295	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29296	Interior Live Oak	*(Quercus wislizeni)*		6	25	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the northeast; slightly above average amount of deadwood.	None at this time.
29297	Interior Live Oak	*(Quercus wislizeni)*		7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29298	Interior Live Oak	*(Quercus wislizeni)*	4,4,6	6	17	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Forks grade to 2' above grade; weak attachments; above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29299	Interior Live Oak	*(Quercus wislizeni)*	4,5,8,9	9	22	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Forks grade to 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
29300	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29301	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	29	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the south; slightly above average amount of deadwood.	None at this time.
29302	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	26	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29303	Interior Live Oak	*(Quercus wislizeni)*	12,12	12	31	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	12	Suppressed; out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29304	Interior Live Oak	*(Quercus wislizeni)*	6,8,10	10	20	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29305	Interior Live Oak	*(Quercus wislizeni)*		6	26	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the east; above average amount of deadwood.	None at this time.
29306	Interior Live Oak	*(Quercus wislizeni)*		7	12	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29307	Interior Live Oak	*(Quercus wislizeni)*		10	16	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29308	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29309	Interior Live Oak	*(Quercus wislizeni)*	10,11	11	28	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29310	Interior Live Oak	*(Quercus wislizeni)*		8	28	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29311	Interior Live Oak	*(Quercus wislizeni)*	10,12	12	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Out of balance to the east; above average amount of deadwood.	None at this time.
29312	Interior Live Oak	*(Quercus wislizeni)*		7	18	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly out of balance to the north; slightly above average amount of deadwood.	None at this time.
29313	Interior Live Oak	*(Quercus wislizeni)*	12,14	14	25	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
29314	Valley Oak	*(Quercus lobata)*		6	17	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29315	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29316	Interior Live Oak	*(Quercus wislizeni)*	5,7,9	9	25	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29317	Interior Live Oak	*(Quercus wislizeni)*		7	23	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the east; slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29318	Blue Oak	*(Quercus douglasii)*	11,11	11	22	Fair	Fair	Fair	Dormant	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29319	Interior Live Oak	*(Quercus wislizeni)*	10,10	10	18	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Forks 2' above grade with some included bark; slightly above average amount of deadwood.	None at this time.
29320	Blue Oak	*(Quercus douglasii)*		10	17	Fair	Fair	Fair	Dormant	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29321	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29322	Interior Live Oak	*(Quercus wislizeni)*	5,7,9	9	23	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29323	Interior Live Oak	*(Quercus wislizeni)*	8,8,9	9	21	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29324	Interior Live Oak	*(Quercus wislizeni)*	5,7,8,9,11	11	26	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29325	Interior Live Oak	*(Quercus wislizeni)*		14	23	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
29326	Interior Live Oak	*(Quercus wislizeni)*	6,8,9,10	10	29	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29327	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	16	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Callusing basal lower trunk wounds, various locations; out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29328	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,9	9	25	Fair	Fair	Poor to fair	Fair	Fair	Poor to fair	2	9	Above average amount of deadwood.	None at this time.
29329	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
29330	Interior Live Oak	*(Quercus wislizeni)*		10	14	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29331	Interior Live Oak	*(Quercus wislizeni)*	5,5,7,9	9	22	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	9	Forks grade to 3' above grade; weak attachments; above average amount of deadwood.	None at this time.
29332	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29333	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	21	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29334	Interior Live Oak	*(Quercus wislizeni)*	6,8,8	8	28	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29335	Interior Live Oak	*(Quercus wislizeni)*	7,8,14	4	32	Fair	Fair	Fair	Fair	Fair	Fair	3		Slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29336	Interior Live Oak	*(Quercus wislizeni)*	6,9	9	18	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29337	Interior Live Oak	*(Quercus wislizeni)*		8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29338	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29339	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29340	Blue Oak	*(Quercus douglasii)*		8	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Above average amount of deadwood.	None at this time.
29341	Interior Live Oak	*(Quercus wislizeni)*	8,9,12	12	22	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29342	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks slightly above grade; weak attachments; above average amount of deadwood.	None at this time.
29343	Interior Live Oak	*(Quercus wislizeni)*		7	18	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the southwest; above average amount of deadwood.	None at this time.
29344	Interior Live Oak	*(Quercus wislizeni)*	5,6,8,11	11	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Forks at grade; weak attachments; callusing basal trunk wounds, various locations, with minor decay; slightly above average amount of deadwood.	None at this time.
29345	Interior Live Oak	*(Quercus wislizeni)*		9	20	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29346	Blue Oak	*(Quercus douglasii)*		6	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29347	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,6,9	9	18	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29348	Interior Live Oak	*(Quercus wislizeni)*	6,9	9	21	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29349	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
29350	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	24	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29351	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	20	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29352	Interior Live Oak	*(Quercus wislizeni)*	9,14	14	29	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	14	Forks at grade; weak attachments; callusing basal trunk wounds, various locations, with minor decay; above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29353	Interior Live Oak	*(Quercus wislizeni)*		8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
29354	Interior Live Oak	*(Quercus wislizeni)*		8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29355	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	19	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29356	Interior Live Oak	*(Quercus wislizeni)*		6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29357	Interior Live Oak	*(Quercus wislizeni)*		6	22	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29358	Interior Live Oak	*(Quercus wislizeni)*		6	21	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29359	Interior Live Oak	*(Quercus wislizeni)*		6	23	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29360	Interior Live Oak	*(Quercus wislizeni)*	6,6,7	7	26	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Above average amount of deadwood.	None at this time.
29361	Interior Live Oak	*(Quercus wislizeni)*	5,5,10	10	28	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29362	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	28	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29363	Interior Live Oak	*(Quercus wislizeni)*		6	25	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Suppressed; out of balance to the southwest; callusing basal lower trunk wounds with minor to moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29364	Interior Live Oak	*(Quercus wislizeni)*	6,7,8	8	25	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks at grade; weak attachments; up to a foot of separation between the root collars; basal defects; minor to moderate decay; out of balance to the west; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29365	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	25	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk cavities with moderate to significant decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29366	Interior Live Oak	*(Quercus wislizeni)*	4,6,7	7	25	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Forks at grade; weak attachments; callusing basal lower trunk wounds with minor to moderate decay; out of balance to the west; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29367	Interior Live Oak	*(Quercus wislizeni)*		6	15	Poor	Poor to fair	Poor to fair	Fair	Poor	Fair	1	0	Callusing trunk cavity, north and east sides; moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29368	Interior Live Oak	*(Quercus wislizeni)*	4,8	8	19	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing lower trunk wound; large stem 3'-5' above grade; moderate interior decay right at a crook in the trunk; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29369	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	22	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Out of balance to the northeast; above average amount of deadwood.	None at this time.
29370	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	23	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29371	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	14	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Callusing lower trunk wounds, various locations, with minor decay; out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29372	Interior Live Oak	*(Quercus wislizeni)*	5,7,11	11	30	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29373	Interior Live Oak	*(Quercus wislizeni)*	8,10,14	14	31	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29374	Interior Live Oak	*(Quercus wislizeni)*		7	24	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29375	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29376	Interior Live Oak	*(Quercus wislizeni)*	8,10,11	11	28	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly out of balance to the south; slightly above average amount of deadwood.	None at this time.
29377	Interior Live Oak	*(Quercus wislizeni)*	9,10,14	14	30	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Out of balance to the north; slightly above average amount of deadwood.	None at this time.
29378	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29379	Interior Live Oak	*(Quercus wislizeni)*	9,11	11	25	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29380	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,8, 9,10	10	27	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29381	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7,8,10,11, 12	12	30	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
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TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29382	Interior Live Oak	*(Quercus wislizeni)*		9	16	Poor to fair	Poor to fair	Fair	Fair	Poor	Poor to fair	1	0	Past partial failure of the root system left the trunk growing at an angle to the northwest, and self-corrected to the southeast; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29383	Interior Live Oak	*(Quercus wislizeni)*	4,5,5,6	6	11	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks at grade; callusing basal lower trunk wounds, minor to moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29384	Interior Live Oak	*(Quercus wislizeni)*	5,6,8,8	8	15	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds, various locations, with minor to moderate decay; suppressed; out of balance to the southeast; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29385	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	27	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the west; above average amount of deadwood.	None at this time.
29386	Interior Live Oak	*(Quercus wislizeni)*	10,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29387	Interior Live Oak	*(Quercus wislizeni)*	5,5,12	12	25	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29388	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	21	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks 2' above grade; slightly above average amount of deadwood.	None at this time.
29389	Interior Live Oak	*(Quercus wislizeni)*	4,5,5,6,7	7	26	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks grade to 1' above grade; weak attachments; slightly above average amount of deadwood.	None at this time.
29390	Interior Live Oak	*(Quercus wislizeni)*	5,6,6	6	24	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the northeast; weak attachments; above average amount of deadwood.	None at this time.
29391	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	28	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the west; slightly above average amount of deadwood.	None at this time.
29392	Interior Live Oak	*(Quercus wislizeni)*		6	28	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Suppressed; out of balance to the west; slightly above average amount of deadwood.	None at this time.
29393	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	25	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29394	Interior Live Oak	*(Quercus wislizeni)*	4,5,7	7	23	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Callusing basal lower trunk wounds, various locations; out of balance to the northwest; slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29395	Interior Live Oak	*(Quercus wislizeni)*		7	14	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29396	Interior Live Oak	*(Quercus wislizeni)*		12	21	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29397	Interior Live Oak	*(Quercus wislizeni)*		10	22	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	10	Out of balance to the northeast; slightly above average amount of deadwood.	None at this time.
29398	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	19	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29399	Interior Live Oak	*(Quercus wislizeni)*	5,7,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29400	Interior Live Oak	*(Quercus wislizeni)*	5,6,9	9	24	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29401	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7,9	9	24	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29402	Interior Live Oak	*(Quercus wislizeni)*		6	18	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29403	Interior Live Oak	*(Quercus wislizeni)*		9	20	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29404	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	18	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the northwest; above average amount of deadwood.	None at this time.
29405	Interior Live Oak	*(Quercus wislizeni)*	5,5,8,11	11	22	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29406	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29407	Interior Live Oak	*(Quercus wislizeni)*		9	13	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Poor to fair	1	0	Out of balance to the southeast; callusing basal lower trunk wounds, various locations; main stem dead 15' above grade; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29408	Interior Live Oak	*(Quercus wislizeni)*	7,10	10	23	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with minor to moderate decay, various locations; out of balance to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29409	Interior Live Oak	*(Quercus wislizeni)*	7,10	10	23	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with minor to moderate decay, various locations; out of balance to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29410	Interior Live Oak	*(Quercus wislizeni)*		8	12	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29411	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	12	Poor to fair	Poor	Poor to fair	Fair	Poor to fair	Fair	1	0	Callused basal lower trunk wounds, various locations; probable interior decay; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29412	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	17	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Callusing basal trunk wounds with moderate decay, various locations; weak attachments; above average amount of deadwood.	***Remove northerly stem.***
29413	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	16	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Callusing basal trunk wounds with moderate decay; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29414	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29415	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29416	Interior Live Oak	*(Quercus wislizeni)*	5.6.6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Forks at grade; slightly above average amount of deadwood.	None at this time.
29417	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	16	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal trunk wounds; moderate decay; out of balance to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29418	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	16	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Callusing basal trunk wounds with moderate decay, various locations; out of balance to the south; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29419	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	16	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly out of balance to the south; slightly above average amount of deadwood.	None at this time.
29420	Interior Live Oak	*(Quercus wislizeni)*		7	13	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29421	Interior Live Oak	*(Quercus wislizeni)*	4.5,5,6	6	21	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Forks at grade; weak attachments; callusing basal trunk wounds with minor to moderate decay; suppressed; out of balance to the southwest; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29422	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29423	Interior Live Oak	*(Quercus wislizeni)*		9	15	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Measured 4' above grade; slightly above average amount of deadwood.	None at this time.
29424	Interior Live Oak	*(Quercus wislizeni)*		7	10	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29425	Interior Live Oak	*(Quercus wislizeni)*	6,7,8	8	25	Poor to fair	Poor	Poor to fair	Fair	Poor to fair	Fair	1	0	Forks 1.5' above grade; weak attachments; callusing lower trunk wounds with moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29426	Interior Live Oak	*(Quercus wislizeni)*		7	22	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Out of balance to the east; above average amount of deadwood.	None at this time.
29427	Interior Live Oak	*(Quercus wislizeni)*		7	21	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29428	Interior Live Oak	*(Quercus wislizeni)*		8	25	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	8	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
29429	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	19	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Out of balance to the southwest; callusing basal lower trunk wounds with minor decay; slightly above average amount of deadwood.	None at this time.
29430	Interior Live Oak	*(Quercus wislizeni)*	9,10,10, 11	11	24	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Forks grade to 1' above grade; weak attachments; callusing basal lower trunk wounds with minor decay; above average amount of deadwood.	None at this time.
29431	Interior Live Oak	*(Quercus wislizeni)*	7,8,10	10	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	10	Forks grade to 1' above grade; weak attachments; callusing basal lower trunk wounds with minor decay; above average amount of deadwood.	None at this time.
29432	Interior Live Oak	*(Quercus wislizeni)*		8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29433	Interior Live Oak	*(Quercus wislizeni)*	7,8,9,10	10	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	10	Forks grade to 1' above grade; weak attachments; above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29434	Interior Live Oak	*(Quercus wislizeni)*	6,6,7	7	23	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Forks grade to 1' above grade; weak attachments; callusing basal lower trunk wounds with minor decay, various locations; above average amount of deadwood.	None at this time.
29435	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	24	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Forks at grade; out of balance to the west; above average amount of deadwood.	None at this time.
29436	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29437	Interior Live Oak	*(Quercus wislizeni)*	4,5,5,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Forks 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
29438	Interior Live Oak	*(Quercus wislizeni)*	8,10,11	11	31	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Forks 1' above grade; weak attachments; out of balance to the southeast; above average amount of deadwood.	None at this time.
29439	Interior Live Oak	*(Quercus wislizeni)*	6,6,8	8	17	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks 2' above grade; callusing basal lower trunk wounds with minor decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29440	Interior Live Oak	*(Quercus wislizeni)*		12	21	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29441	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29442	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	17	Poor	Poor to fair	Poor to fair	Poor to fair	Poor	Poor to fair	1	0	Forks at grade; weak attachments; callusing lower trunk cavities with moderate to significant decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29443	Interior Live Oak	*(Quercus wislizeni)*		9	25	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29444	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	24	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Forks at grade; callusing basal trunk wounds with minor decay; out of balance to the west; slightly above average amount of deadwood.	None at this time.
29445	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29446	Interior Live Oak	*(Quercus wislizeni)*	6,8,12,14	14	26	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with moderate decay; forks at grade; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

CRESLEIGH HOMES
Sierra College, College Park Project Site
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29447	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Out of balance to the east; above average amount of deadwood.	None at this time.
29448	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	29	Poor to fair	Poor to fair	Poor to fair	Fair	Poor	Fair	1	0	Forks 1' above grade; weak attachments; callusing basal lower trunk cavities with moderate decay; out of balance to the northwest; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29449	Interior Live Oak	*(Quercus wislizeni)*	7,11,14	14	30	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	14	Forks grade to 2' above grade; weak attachments; the smaller stem is lying prone on grade for the first 10'; above average amount of deadwood.	None at this time.
29450	Interior Live Oak	*(Quercus wislizeni)*		8	29	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
29451	Interior Live Oak	*(Quercus wislizeni)*		8	27	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	8	Suppressed; out of balance to the south; trunk has a sharp crook 3'-4' above grade; above average amount of deadwood.	None at this time.
29452	Interior Live Oak	*(Quercus wislizeni)*		7	29	Fair	Poor to fair	Fair	Fair	Fair	Fair	2	7	Out of balance to the northwest; above average amount of deadwood.	None at this time.
29453	Interior Live Oak	*(Quercus wislizeni)*	6,6,8, 12,12	12	29	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29454	Interior Live Oak	*(Quercus wislizeni)*	7,14	14	28	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Out of balance to the north; slightly above average amount of deadwood.	None at this time.
29455	Interior Live Oak	*(Quercus wislizeni)*	4,7	7	23	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the northwest; trunk has an abrupt crook 2' above grade; slightly above average amount of deadwood.	None at this time.
29456	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	16	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
29457	Interior Live Oak	*(Quercus wislizeni)*	6,12	12	26	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal trunk wounds with minor to moderate decay, various locations; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29458	Interior Live Oak	*(Quercus wislizeni)*	4,4,8,9	9	24	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks grade to 1' above grade; weak attachments; callusing basal trunk wounds with minor decay; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29459	Interior Live Oak	*(Quercus wislizeni)*		6	20	Fair	Fair	Fair	Fair	Fair	Fair	3	6		None at this time.
29460	Interior Live Oak	*(Quercus wislizeni)*		13	25	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Slightly above average amount of deadwood.	None at this time.
29461	Interior Live Oak	*(Quercus wislizeni)*	4,7	7	17	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Out of balance to the southwest; callusing basal lower trunk wounds with minor decay; slightly above average amount of deadwood.	None at this time.
29462	Interior Live Oak	*(Quercus wislizeni)*	7,7,7	7	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Forks at grade; weak attachments; up to a foot of separation between the root collar; out of balance to the west; above average amount of deadwood.	None at this time.
29463	Interior Live Oak	*(Quercus wislizeni)*		14	28	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Measured 3' above grade; slightly above average amount of deadwood.	None at this time.
29464	Interior Live Oak	*(Quercus wislizeni)*	5,10	10	28	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29465	Blue Oak	*(Quercus douglasii)*		8	20	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29466	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,8	8	29	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29467	Interior Live Oak	*(Quercus wislizeni)*	6,11	11	20	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29468	Interior Live Oak	*(Quercus wislizeni)*	8,8,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29469	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29470	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	24	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29471	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,6,7	7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29472	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29473	Interior Live Oak	*(Quercus wislizeni)*	5,5,5,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29474	Interior Live Oak	*(Quercus wislizeni)*		13	23	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Out of balance to the west; slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
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City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29475	Interior Live Oak	*(Quercus wislizeni)*	6,6,7,11	11	22	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing trunk cavities with moderate to significant decay, various locations; out of balance to the east; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29476	Interior Live Oak	*(Quercus wislizeni)*	6,7,7,8	8	17	Poor to fair	Poor	Fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds/cavities with minor to moderate decay; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29477	Interior Live Oak	*(Quercus wislizeni)*	6,9	9	17	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29478	Interior Live Oak	*(Quercus wislizeni)*	4,5,9	9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29479	Interior Live Oak	*(Quercus wislizeni)*	8,9	9	22	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Forks at grade; slightly above average amount of deadwood.	None at this time.
29480	Interior Live Oak	*(Quercus wislizeni)*	4,4,4,4, 5,6	6	20	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Forks at grade; slightly above average amount of deadwood.	None at this time.
29481	Interior Live Oak	*(Quercus wislizeni)*	4,4,5,5, 6,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29482	Blue Oak	*(Quercus douglasii)*		6	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29483	Interior Live Oak	*(Quercus wislizeni)*	5.5.6.7	7	22	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29484	Interior Live Oak	*(Quercus wislizeni)*	6,11,14	14	27	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
29485	Blue Oak	*(Quercus douglasii)*	10,10,12	12	25	Fair	Fair	Fair	Dormant	Fair	Fair	3	12	Forks 1' above grade; weak attachments; slightly above average amount of deadwood.	None at this time.
29486	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	16	Fair	Poor to fair	Fair	Fair	Fair	Fair	3	6	Forks 1' above grade; slightly above average amount of deadwood.	None at this time.
29487	Interior Live Oak	*(Quercus wislizeni)*	8,9	9	16	Fair	Fair	Poor to fair	Poor to fair	Poor	Fair	2	9	Forks 1' above grade; leans to the south.	None at this time.
29488	Interior Live Oak	*(Quercus wislizeni)*		7	13	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29489	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29490	Interior Live Oak	*(Quercus wislizeni)*		8	13	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds with moderate decay, various locations; weak attachments; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29491	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	24	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29492	Interior Live Oak	*(Quercus wislizeni)*	6,8,9	9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29493	Interior Live Oak	*(Quercus wislizeni)*		12	21	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29494	Interior Live Oak	*(Quercus wislizeni)*		12	23	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29495	Interior Live Oak	*(Quercus wislizeni)*	6,11	11	20	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29496	Blue Oak	*(Quercus douglasii)*		8	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29497	Interior Live Oak	*(Quercus wislizeni)*		9	17	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29498	Interior Live Oak	*(Quercus wislizeni)*	8,9	9	15	Fair	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	9	Above average amount of deadwood.	None at this time.
29499	Interior Live Oak	*(Quercus wislizeni)*	5,6,8, 10,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood; slightly sparse foliage.	None at this time.
29500	Interior Live Oak	*(Quercus wislizeni)*		7	20	Poor	Poor	Poor	Poor to fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with moderate to significant decay, various locations; out of balance to the west; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29501	Interior Live Oak	*(Quercus wislizeni)*	4,6,7	7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29509	Interior Live Oak	*(Quercus wislizeni)*	9,10	10	25	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29510	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,7	7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29511	Interior Live Oak	*(Quercus wislizeni)*	5,7,7, 10,11	11	30	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks grade to 1' above grade; weak attachments; callusing basal lower trunk wounds with moderate decay, various locations; out of balance to the east; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29512	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	27	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the northeast; callusing basal trunk wounds with minor decay; above average amount of deadwood.	None at this time.
29513	Blue Oak	*(Quercus douglasii)*		11	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	11	Dense poison oak growing up the trunk at the base; slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29514	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,8	8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29515	Valley Oak	*(Quercus lobata)*		17	21	Fair	Fair	Fair	Dormant	Fair	Fair	3	17	Above average amount of deadwood.	None at this time.
29516	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	16	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Suppressed; out of balance to the west; callusing basal trunk wounds with minor decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29517	Interior Live Oak	*(Quercus wislizeni)*	8,8,9,10, 11,14	14	32	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks grade to 2' above grade; weak attachments; callusing basal trunk wounds with minor to moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29518	Interior Live Oak	*(Quercus wislizeni)*	6,7,8,14	14	26	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29519	Blue Oak	*(Quercus douglasii)*	8,8	8	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29520	Blue Oak	*(Quercus douglasii)*	7,10	10	19	Poor	Poor	Poor	Dormant	Poor	Poor to fair	1	0	Callusing basal lower trunk wounds with moderate decay, various locations; out of balance to the south; above average amount of deadwood; poor bud formation.	***Recommend removal due to nature and extent of noted defects.***
29521	Interior Live Oak	*(Quercus wislizeni)*		11	22	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29522	Interior Live Oak	*(Quercus wislizeni)*	4,4,4,5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29523	Blue Oak	*(Quercus douglasii)*		11	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29524	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly out of balance to the east; slightly above average amount of deadwood.	None at this time.
29525	Interior Live Oak	*(Quercus wislizeni)*	12,12	12	28	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29526	Interior Live Oak	*(Quercus wislizeni)*	10,11	11	17	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29527	Interior Live Oak	*(Quercus wislizeni)*	6,8,8,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29528	Interior Live Oak	*(Quercus wislizeni)*		15	24	Fair	Fair	Fair	Fair	Fair	Fair	3	15	Slightly above average amount of deadwood.	None at this time.
29529	Blue Oak	*(Quercus douglasii)*		12	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29530	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	13	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	1	0	Tree is 80% dead.	***Recommend removal due to nature and extent of noted defects.***
29531	Interior Live Oak	*(Quercus wislizeni)*		8	19	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Suppressed; out of balance to the south; slightly above average amount of deadwood.	None at this time.
29532	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29533	Blue Oak	*(Quercus douglasii)*	4,6	6	12	Poor	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	1	0	Forks slightly above grade; callusing basal lower trunk wounds with moderate decay, various locations; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29534	Interior Live Oak	*(Quercus wislizeni)*		12	14	Fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	1	0	Measured 2' above grade; callusing basal lower trunk wounds with moderate decay, various locations; dead stem at the primary crotch with moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29535	Blue Oak	*(Quercus douglasii)*		6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29536	Interior Live Oak	*(Quercus wislizeni)*		6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29537	Interior Live Oak	*(Quercus wislizeni)*	7,11	11	20	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29538	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	19	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
29539	Interior Live Oak	*(Quercus wislizeni)*	6,7,8, 8,12	12	21	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	12	Forks grade to 2' above grade; weak attachments; above average amount of deadwood.	None at this time.
29540	Blue Oak	*(Quercus douglasii)*		10	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	10	Above average amount of deadwood.	None at this time.
29541	Interior Live Oak	*(Quercus wislizeni)*	7,12,13	13	24	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Measured 3.5' above grade; forks at grade; weak attachments; above average amount of deadwood.	None at this time.
29542	Interior Live Oak	*(Quercus wislizeni)*		11	22	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29543	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,8	8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29544	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,8	8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29545	Interior Live Oak	*(Quercus wislizeni)*		12	20	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29546	Interior Live Oak	*(Quercus wislizeni)*		8	13	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29547	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29548	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	21	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29549	Interior Live Oak	*(Quercus wislizeni)*		8	12	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29550	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	13	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Forks at grade; weak attachments; basal cavities/defects with minor decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29551	Interior Live Oak	*(Quercus wislizeni)*		10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29552	Interior Live Oak	*(Quercus wislizeni)*		7	21	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29553	Blue Oak	*(Quercus douglasii)*		7	9	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29554	Interior Live Oak	*(Quercus wislizeni)*		7	16	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29555	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7	7	23	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29556	Interior Live Oak	*(Quercus wislizeni)*		7	18	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29558	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	19	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29559	Interior Live Oak	*(Quercus wislizeni)*		6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29560	Interior Live Oak	*(Quercus wislizeni)*	7,11	11	21	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29561	Interior Live Oak	*(Quercus wislizeni)*	15,16	16	26	Fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	1	0	Forks 3' above grade; inherently weak primary crotch with included bark; bacterial cankers, various locations on main stem and large laterals; above average amount of deadwood; slightly sparse foliage.	***Recommend removal due to nature and extent of noted defects.***
29562	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29563	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29564	Blue Oak	*(Quercus douglasii)*		15	21	Fair	Fair	Fair	Dormant	Fair	Fair	3	15	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29565	Blue Oak	*(Quercus douglasii)*		12	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29566	Blue Oak	*(Quercus douglasii)*		10	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29567	Blue Oak	*(Quercus douglasii)*	5,7	7	9	Fair	Fair	Fair	Dormant	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29568	Blue Oak	*(Quercus douglasii)*	5,6,6	6	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29569	Blue Oak	*(Quercus douglasii)*		6	5	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29570	Blue Oak	*(Quercus douglasii)*	6,8	8	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29571	Interior Live Oak	*(Quercus wislizeni)*	10,11,12,13	13	27	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Slightly above average amount of deadwood.	None at this time.
29572	Blue Oak	*(Quercus douglasii)*		14	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
29573	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,10, 11,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29574	Interior Live Oak	*(Quercus wislizeni)*	8,8,10	10	26	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29575	Interior Live Oak	*(Quercus wislizeni)*	4,5,5,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29576	Blue Oak	*(Quercus douglasii)*		11	20	Poor	Poor	Poor to fair	Dormant	Poor	Fair	1	0	Callusing trunk wounds with moderate decay, west side; above average amount of deadwood; poor bud swell.	***Recommend removal due to nature and extent of noted defects.***
29577	Interior Live Oak	*(Quercus wislizeni)*	5,7,7	7	22	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29578	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	21	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the south; above average amount of deadwood.	None at this time.
29579	Blue Oak	*(Quercus douglasii)*		6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29580	Interior Live Oak	*(Quercus wislizeni)*	10,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29581	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29582	Blue Oak	*(Quercus douglasii)*		10	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29583	Interior Live Oak	*(Quercus wislizeni)*	6,8,11	11	22	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Above average amount of deadwood.	None at this time.
29584	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29585	Blue Oak	*(Quercus douglasii)*	5,10	10	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29586	Blue Oak	*(Quercus douglasii)*		10	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29587	Blue Oak	*(Quercus douglasii)*		6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29588	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29589	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	22	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
29590	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	23	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
29591	Interior Live Oak	*(Quercus wislizeni)*	6,6,8,8	8	21	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29592	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29593	Interior Live Oak	*(Quercus wislizeni)*		9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29594	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29595	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29596	Interior Live Oak	*(Quercus wislizeni)*		6	11	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	6	Out of balance to the west; above average amount of deadwood.	None at this time.
29597	Interior Live Oak	*(Quercus wislizeni)*		10	18	Poor	Poor	Poor to fair	Poor to fair	Poor	Poor to fair	1	0	Callusing basal lower trunk wound to 8' above grade with moderate to significant decay; out of balance to the west; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29598	Blue Oak	*(Quercus douglasii)*		11	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	11	Dense poison oak at the base; slightly above average amount of deadwood.	None at this time.
29599	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Out of balance to the west; above average amount of deadwood.	None at this time.
29600	Interior Live Oak	*(Quercus wislizeni)*	7,8,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Forks at grade; a foot of separation between the root collar; slightly above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29601	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	15	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	1	0	Out of balance to the northwest; callusing basal lower trunk wounds with moderate decay; various locations; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29602	Interior Live Oak	*(Quercus wislizeni)*	5,5,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
29603	Blue Oak	*(Quercus douglasii)*		8	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	8		None at this time.
29604	Interior Live Oak	*(Quercus wislizeni)*	7,8,8	8	30	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Out of balance to the south; callusing basal lower trunk wounds to 2' above grade with moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29605	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	19	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	7	Out of balance to the northwest; callusing basal lower trunk wounds with minor decay, various locations; above average amount of deadwood.	None at this time.
29606	Blue Oak	*(Quercus douglasii)*		9	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29607	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood; debris caught in canopy from adjacent failed tree.	***Remove debris.***
29608	Interior Live Oak	*(Quercus wislizeni)*	3,4,7	7	21	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29609	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	14	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29610	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29611	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29612	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29613	Interior Live Oak	*(Quercus wislizeni)*	5,6,8,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29614	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Suppressed; out of balance to the west; slightly above average amount of deadwood.	None at this time.
29615	Interior Live Oak	*(Quercus wislizeni)*	7,8,9,11	11	25	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29616	Interior Live Oak	*(Quercus wislizeni)*		6	7	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Above average amount of deadwood.	None at this time.
29617	Interior Live Oak	*(Quercus wislizeni)*	9,11,11	11	24	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29618	Interior Live Oak	*(Quercus wislizeni)*	10,12	12	23	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29619	Interior Live Oak	*(Quercus wislizeni)*		18	26	Fair	Fair	Fair	Fair	Fair	Fair	3	18	Measured 3' above grade; out of balance to the southeast; slightly above average amount of deadwood.	None at this time.
29620	Interior Live Oak	*(Quercus wislizeni)*	9,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29621	Interior Live Oak	*(Quercus wislizeni)*	7,10	10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29622	Interior Live Oak	*(Quercus wislizeni)*		17	23	Fair	Fair	Fair	Fair	Fair	Fair	3	17	Slightly above average amount of deadwood.	None at this time.
29623	Interior Live Oak	*(Quercus wislizeni)*	4,7	7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29624	Interior Live Oak	*(Quercus wislizeni)*	5,8	8	23	Fair	Fair	Poor to fair	Fair	Fair	Fair	2	8	Above average amount of deadwood.	None at this time.
29625	Interior Live Oak	*(Quercus wislizeni)*	6,8,10,13	13	28	Fair	Poor to fair	Poor to fair	Poor to fair	Fair	Poor to fair	2	13	The larger stem represents approximately half the tree on the southwest side and is very sparse; above average amount of deadwood; larger stem has slightly sparse foliage.	***Reevaluate in the spring.***
29626	Interior Live Oak	*(Quercus wislizeni)*		8	14	Fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Out of balance to the east; trunk has a minor crook 4.5' above grade with a cavity; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29627	Blue Oak	*(Quercus douglasii)*	6,8	8	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29628	Interior Live Oak	*(Quercus wislizeni)*	6,7,9	9	18	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Trunk has a moderate crook 3' above grade with an old callusing wound with moderate decay; additional wounds in upper scaffold crotches; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29629	Interior Live Oak	*(Quercus wislizeni)*	10,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29630	Interior Live Oak	*(Quercus wislizeni)*	12,14	14	28	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
29631	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	14	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds with moderate decay, various locations; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***

CRESLEIGH HOMES
Sierra College, College Park Project Site
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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29632	Interior Live Oak	*(Quercus wislizeni)*	3,4,8	8	15	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wound from grade to 4' above grade with moderate decay, out of balance to the northeast; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29633	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29634	Interior Live Oak	*(Quercus wislizeni)*		24	31	Fair	Fair	Fair	Fair	Fair	Fair	2	24	Slightly above average amount of deadwood; girdling fence wire on the lower trunk.	***Cut wire.***
29635	Blue Oak	*(Quercus douglasii)*	6,9,13	13	25	Poor to fair	Poor	Fair	Dormant	Poor	Fair	1	0	Past partial failure of the root system left the lower main stem lying prone for 6'; two of the current stems rise from that; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29636	Interior Live Oak	*(Quercus wislizeni)*	7,11	11	23	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29637	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29638	Interior Live Oak	*(Quercus wislizeni)*		13	22	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Slightly above average amount of deadwood.	None at this time.
29639	Interior Live Oak	*(Quercus wislizeni)*		17	30	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	17	Out of balance to the west; inherently weak primary crotch with some bark inclusion and additional callused formation; slightly above average amount of deadwood.	None at this time.
29640	Blue Oak	*(Quercus douglasii)*		10	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29641	Interior Live Oak	*(Quercus wislizeni)*	9,10,10	10	25	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29642	Interior Live Oak	*(Quercus wislizeni)*	10,14	14	22	Poor	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Callusing basal trunk wound, west side to 1' above grade, approximately half the circumference; moderate decay; out of balance to the west; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29643	Interior Live Oak	*(Quercus wislizeni)*	9,10	10	19	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29644	Blue Oak	*(Quercus douglasii)*	13,17	17	24	Fair	Fair	Fair	Dormant	Fair	Fair	3	17	Slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29645	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	25	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Suppressed; out of balance to the west; above average amount of deadwood.	None at this time.
29646	Interior Live Oak	*(Quercus wislizeni)*		11	22	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29647	Blue Oak	*(Quercus douglasii)*		14	21	Fair	Fair	Fair	Dormant	Fair	Fair	3	14	Slightly above average amount of deadwood.	None at this time.
29648	Interior Live Oak	*(Quercus wislizeni)*	16,17,18	18	22	Fair	Fair	Fair	Fair	Fair	Fair	3	18	Weak attachments; slightly above average amount of deadwood.	None at this time.
29649	Interior Live Oak	*(Quercus wislizeni)*		27	33	Fair	Fair	Fair	Fair	Fair	Fair	3	27	Slightly above average amount of deadwood.	None at this time.
29650	Interior Live Oak	*(Quercus wislizeni)*	12,18,23	23	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	23	Old callusing lower trunk wounds with minor to moderate decay, various locations; embedded wire in the lower trunk.	***Perform decay detection and provide further recommendations.***
29651	Interior Live Oak	*(Quercus wislizeni)*		17	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	17	Callused lower trunk wounds, various locations; out of balance to the east; above average amount of deadwood.	None at this time.
29652	Interior Live Oak	*(Quercus wislizeni)*		7	20	Fair	Poor	Fair	Fair	Fair	Fair	3	7	Trunk bends to north east 4' above grade.	None at this time.
29653	Interior Live Oak	*(Quercus wislizeni)*	12,14	14	25	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Out of balance to the southwest; callusing basal lower trunk wound/cavity with moderate decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29654	Interior Live Oak	*(Quercus wislizeni)*		24	29	Fair	Poor to fair	Poor	Fair	Poor	Fair	1	0	Callused lower trunk cavity with moderate interior decay, west side to 7' above grade; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29655	Interior Live Oak	*(Quercus wislizeni)*		17	14	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk cavity with significant interior decay, grade to 5' above grade; out of balance to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29656	Interior Live Oak	*(Quercus wislizeni)*	8,11	11	28	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	11	Callusing basal trunk wounds with minor to moderate decay; out of balance to the west; above average amount of deadwood.	***Perform root collar and provide further recommendations.***
29657	Interior Live Oak	*(Quercus wislizeni)*		24	29	Poor	Poor to fair	Fair	Fair	Poor to fair	Fair	2	24	Callusing basal trunk cavity, east side at grade at the point of previous stem failure; moderate decay evident; out of balance to the southwest; above average amount of deadwood.	***Perform root collar and provide further recommendations.***

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TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29658	Interior Live Oak	*(Quercus wislizeni)*	12,15	15	31	Fair	Fair	Fair	Fair	Fair	Fair	3	15	Slightly above average amount of deadwood.	None at this time.
29659	Interior Live Oak	*(Quercus wislizeni)*	5,5,5,6, 8,11	11	25	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29660	Interior Live Oak	*(Quercus wislizeni)*	5,5,7,7,8	8	25	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29661	Interior Live Oak	*(Quercus wislizeni)*	9,10,10, 10,11	11	28	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29662	Interior Live Oak	*(Quercus wislizeni)*	5,6,6,7	7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29663	Blue Oak	*(Quercus douglasii)*	6,7	7	14	Poor	Fair	Fair	Dormant	Poor	Fair	1	0	Moderate to significant basal decay.	***Recommend removal due to nature and extent of noted defects.***
29664	Blue Oak	*(Quercus douglasii)*		8	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29665	Interior Live Oak	*(Quercus wislizeni)*	5,6,9	9	22	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29666	Interior Live Oak	*(Quercus wislizeni)*	5,6,8	8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29667	Interior Live Oak	*(Quercus wislizeni)*	6,7,12	12	17	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	12	Leans to the west.	None at this time.
29668	Interior Live Oak	*(Quercus wislizeni)*		8	12	Fair	Fair	Poor	Fair	Poor	Fair	2	8	Leans to the north.	None at this time.
29669	Interior Live Oak	*(Quercus wislizeni)*	6,8,9,9	9	20	Fair	Poor to fair	Poor to fair	Poor to fair	Poor	Poor to fair	2	9	Leans to the east.	None at this time.
29670	Interior Live Oak	*(Quercus wislizeni)*	9,11	11	25	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Leans to the south; slightly above average amount of deadwood.	None at this time.
29671	Interior Live Oak	*(Quercus wislizeni)*	6,6,7,7,8,10,11	11	23	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Tree grew as a stump sprout with radial distribution; forks at grade; weak attachments; moderate basal decay; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29672	Interior Live Oak	*(Quercus wislizeni)*	5,5,7	7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7	Slightly above average amount of deadwood.	None at this time.
29673	Interior Live Oak	*(Quercus wislizeni)*	7,9	9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29674	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	20	Fair	Fair	Poor to fair	Fair	Fair	Fair	2	7	Forks at grade; slightly above average amount of deadwood.	None at this time.
29675	Interior Live Oak	*(Quercus wislizeni)*	6,7,11	11	24	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly out of balance to the west; slightly above average amount of deadwood.	None at this time.
29676	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Slightly above average amount of deadwood.	None at this time.
29677	Interior Live Oak	*(Quercus wislizeni)*		10	22	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.

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TREE INVENTORY SUMMARY

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29678	Interior Live Oak	*(Quercus wislizeni)*	7,8,11	11	26	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	11	Suppressed; out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29679	Interior Live Oak	*(Quercus wislizeni)*	6,8,8,12	12	25	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29680	Interior Live Oak	*(Quercus wislizeni)*	5,6,7,9	9	23	Fair	Fair	Fair	Fair	Fair	Fair	3	9	Slightly above average amount of deadwood.	None at this time.
29681	Interior Live Oak	*(Quercus wislizeni)*	17,18	18	28	Fair	Fair	Fair	Fair	Fair	Fair	3	18	Slightly above average amount of deadwood.	None at this time.
29682	Interior Live Oak	*(Quercus wislizeni)*	6,9,10	10	25	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Slightly above average amount of deadwood.	None at this time.
29683	Interior Live Oak	*(Quercus wislizeni)*	11,12,13	13	29	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Weak attachments; slightly above average amount of deadwood.	None at this time.
29684	Interior Live Oak	*(Quercus wislizeni)*	6,7,8,9,9,11,13	13	27	Fair	Fair	Fair	Fair	Fair	Fair	3	13	Forks 1' above grade; weak attachments; above average amount of deadwood.	None at this time.
29685	Interior Live Oak	*(Quercus wislizeni)*	7,8,9,11	11	24	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Lower main stem is lying prone on grade for 3' and then bends upright; inherently weak crotches with bark inclusions; basal decay possible; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29686	Valley Oak	*(Quercus lobata)*		17	22	Fair	Fair	Fair	Dormant	Fair	Fair	3	17		None at this time.
29687	Blue Oak	*(Quercus douglasii)*	16,18,18	18	27	Fair	Fair	Fair	Dormant	Fair	Fair	3	18	Forks grade to 3' above grade; weak attachments with included bark; slightly above average amount of deadwood.	None at this time.
29688	Blue Oak	*(Quercus douglasii)*		8	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29689	Blue Oak	*(Quercus douglasii)*		33	32	Fair	Fair	Fair	Dormant	Fair	Fair	3	33	Slightly above average amount of deadwood.	None at this time.
29690	Interior Live Oak	*(Quercus wislizeni)*	8,12,13	13	27	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	13	Forks grade to 2' above grade; weak attachments; out of balance to the north and east; slightly above average amount of deadwood.	None at this time.
29691	Interior Live Oak	*(Quercus wislizeni)*		11	19	Fair	Fair	Fair	Fair	Fair	Fair	3	11	Slightly above average amount of deadwood.	None at this time.
29692	Blue Oak	*(Quercus douglasii)*		8	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	8	Slightly above average amount of deadwood.	None at this time.
29693	Blue Oak	*(Quercus douglasii)*	9,10,11	11	24	Poor to fair	Poor to fair	Fair	Dormant	Poor to fair	Fair	2	11	Forks at grade; weak attachments; out of balance to the northeast; above average amount of deadwood.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29694	Interior Live Oak	*(Quercus wislizeni)*	8,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	10	Forks at grade; slightly above average amount of deadwood.	None at this time.
29695	Interior Live Oak	*(Quercus wislizeni)*		14	21	Poor	Poor	Poor to fair	Fair	Poor	Fair	1	0	Callusing lower trunk wounds, southwest side to 7' above grade; moderate interior decay; out of balance to the southeast; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29696	Interior Live Oak	*(Quercus wislizeni)*		10	24	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	10	Suppressed; out of balance to the west; above average amount of deadwood. Tree is located approximately 8' east of the east fence line and growing horizontal across the fence line.	None at this time.
29697	Interior Live Oak	*(Quercus wislizeni)*		7	14	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	7	Suppressed; out of balance to the west; above average amount of deadwood. Tree is located approximately 8' east of the east fence line and growing horizontal across the fence line.	None at this time.
29698	Interior Live Oak	*(Quercus wislizeni)*		13	34	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	13	Suppressed; out of balance to the west; above average amount of deadwood. Tree is located approximately 8' east of the east fence line and growing horizontal across the fence line.	None at this time.
29699	Interior Live Oak	*(Quercus wislizeni)*		12	13	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Slightly above average amount of deadwood.	None at this time.
29700	Interior Live Oak	*(Quercus wislizeni)*		12	16	Poor to fair	Fair	Fair	Fair	Poor to fair	Fair	2	12	Callusing basal lower trunk wounds with minor decay, various locations; slightly above average amount of deadwood.	None at this time.
29701	Interior Live Oak	*(Quercus wislizeni)*		12	18	Fair	Fair	Fair	Fair	Fair	Fair	3	12		None at this time.
29702	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.
29703	Interior Live Oak	*(Quercus wislizeni)*	11,12,13,14	14	28	Fair	Fair	Fair	Fair	Fair	Fair	3	14	Located 8' east of the east fence line (tag on fence); forks at grade.	None at this time.
29704	Interior Live Oak	*(Quercus wislizeni)*	7,9	9	16	Fair	Fair	Fair	Fair	Fair	Fair	3	9		None at this time.
29705	Interior Live Oak	*(Quercus wislizeni)*		16	26	Fair	Fair	Fair	Fair	Fair	Fair	3	16	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29706	Interior Live Oak	*(Quercus wislizeni)*		6	16	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
29707	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the west.	None at this time.

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						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29708	Interior Live Oak	*(Quercus wislizeni)*	6,12	12	27	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	1	0	Callusing basal lower trunk wounds with minor to moderate decay, various locations; out of balance to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29709	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,6	6	15	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	6	Out of balance to the southwest.	None at this time.
29710	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	20	Fair	Fair	Fair	Fair	Fair	Fair	3	6	Out of balance to the south.	None at this time.
29711	Interior Live Oak	*(Quercus wislizeni)*		7	19	Poor to fair	Poor	Poor to fair	Fair	Poor to fair	Fair	1	0	Old basal lower trunk wounds with moderate decay; out of balance to the west; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29712	Interior Live Oak	*(Quercus wislizeni)*	10,15,17	17	32	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	17	Callusing basal lower trunk wounds with minor decay, various locations; forks at grade to 3' above grade; weak attachments.	***Perform root collar and provide further recommendations.***
29713	Interior Live Oak	*(Quercus wislizeni)*	8,12,12	12	23	Fair	Fair	Fair	Fair	Fair	Fair	3	12	Out of balance to the southeast.	None at this time.
29714	Interior Live Oak	*(Quercus wislizeni)*		8	21	Fair	Poor	Poor	Fair	Poor to fair	Fair	1	0	Out of balance to the northwest; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29715	Interior Live Oak	*(Quercus wislizeni)*	6,9,12	12	30	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Out of balance to the southwest; old callusing basal lower trunk wounds with minor to moderate decay, various locations; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29716	Interior Live Oak	*(Quercus wislizeni)*		10	11	Poor to fair	Poor	Poor to fair	Fair	Poor	Fair	1	0	Main stems failed 7' above grade with major decay.	***Recommend removal due to nature and extent of noted defects.***
29717	Interior Live Oak	*(Quercus wislizeni)*	5,6,7	7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	7		None at this time.
29718	Blue Oak	*(Quercus douglasii)*		16	22	Fair	Fair	Fair	Dormant	Fair	Fair	3	16		None at this time.
29719	Blue Oak	*(Quercus douglasii)*	12,13	13	21	Fair	Fair	Fair	Dormant	Fair	Fair	3	13		None at this time.
29720	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the west.	None at this time.
29721	Interior Live Oak	*(Quercus wislizeni)*	5,7,8	8	18	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the west.	None at this time.
29722	Interior Live Oak	*(Quercus wislizeni)*	7,8	8	19	Fair	Fair	Fair	Fair	Fair	Fair	3	8	Out of balance to the north.	None at this time.
29723	Interior Live Oak	*(Quercus wislizeni)*	8,10,12, 13	13	26	Poor to fair	Poor to fair	Fair	Fair	Poor	Fair	1	0	Forks at grade; weak attachments; 10" stem lying on grade; out of balance to the southwest.	***Recommend removal due to nature and extent of noted defects.***
29724	Interior Live Oak	*(Quercus wislizeni)*		16	22	Fair	Fair	Fair	Fair	Fair	Fair	3	16	Out of balance to the southeast.	None at this time.

CRESLEIGH HOMES
Sierra College, College Park Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

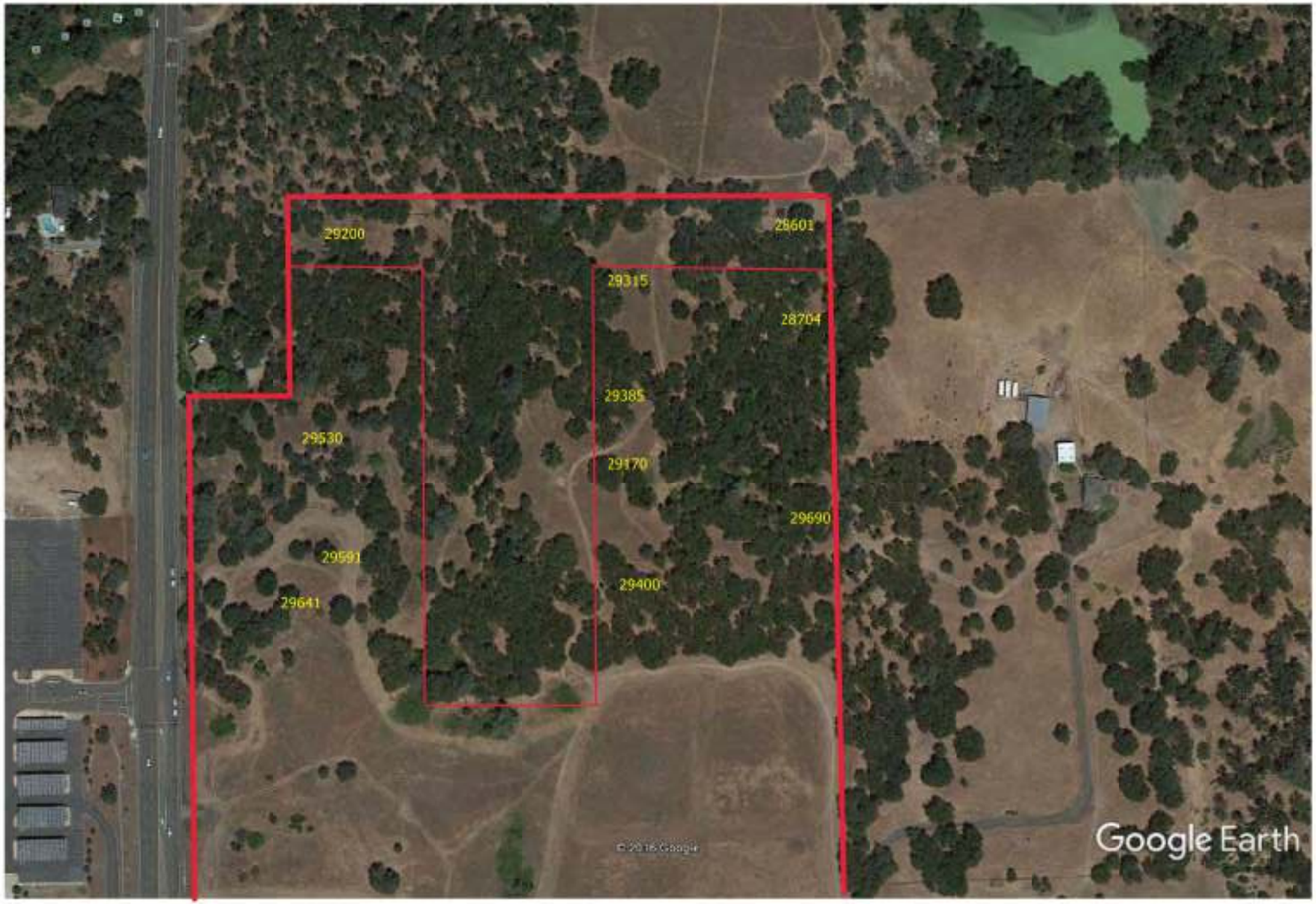
TREE #	COMMON NAME	SPECIES	MULTI STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR				
29725	Interior Live Oak	*(Quercus wislizeni)*	11,13,15	15	26	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	15	Callusing basal lower trunk wounds with minor decay, various locations; out of balance to the west; slightly above average amount of deadwood.	None at this time.
29726	Interior Live Oak	*(Quercus wislizeni)*	7,8,9,12	12	22	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Forks grade to 2' above grade; weak attachments; callusing basal lower trunk wounds with minor to moderate decay, various locations; slightly above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29727	Interior Live Oak	*(Quercus wislizeni)*		11	26	Poor to fair	Poor	Poor	Fair	Poor to fair	Fair	1	0	Main stem has a crack 2' from the root collar growing horizontal to the south; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29728	Interior Live Oak	*(Quercus wislizeni)*	8,10,11, 13	13	26	Poor to fair	Poor	Fair	Fair	Poor	Fair	1	0	Callusing basal lower trunk wounds with minor to moderate decay, various locations; forks grade to 1' above grade; weak attachments; out of balance to the south.	***Recommend removal due to nature and extent of noted defects.***
29729	Interior Live Oak	*(Quercus wislizeni)*	22,33	33	35	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	33	Forks grade to 4 feet above grade; weak attachments.	***Perform decay detection and evaluate for a support system.***
29730	Interior Live Oak	*(Quercus wislizeni)*	10,12,13,14,14	14	30	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	14	Old callusing basal trunk wound with minor decay, north side; out of balance to the west; weak attachments; minor mistletoe infestation.	None at this time.
29731	Interior Live Oak	*(Quercus wislizeni)*		15	25	Fair	Fair	Fair	Fair	Fair	Fair	3	15	Slightly above average amount of deadwood.	None at this time.

TOTAL INVENTORIED TREES = 1,341 trees (12,280 aggregate diameter inches)
TOTAL RECOMMENDED REMOVALS = 163 trees (1,588 aggregate diameter inches)
PRECAUTIONARY TREES HIGHLIGHTED FOR REFERENCE
Rating (0-5): 0=0 trees; 1=0 trees; 2=0 trees; 3=0 trees; 4=0 trees; 5=0 trees
Total Protected Trees = 1,339 trees (10,591 aggregate diameter inches)

*Note: The diameter of multi-trunked trees is the total DBH of the largest trunk only.

CITY OF ROCKLIN CONDITIONAL RATING:
5 (Excellent) = No problem(s)
4 (Good) = No apparent problem(s)
3 (Fair) = Minor problem(s)
2 (Poor) = Major problem(s)
1 (Hazardous, non-correctable) = Extreme
0 (Dead) = Dead

Sierra Village, North; City of Rocklin



Google Earth

feet 2000
meters 600

Approximate project boundary
Approximate open space boundary

Tree Inventory Exhibit

Prep. by Sierra Nevada Arborists
March 29, 2017

Sierra Village, South; City of Rocklin, CA



Google Earth

feet 2000
meters 600

Tree Inventory Exhibit

Prep. by Sierra Nevada Arborists
March 29, 2017

Appendix B

College Park - South Village
Tree Inventories

COLLEGE PARK SOUTH C2
ROCKLIN, CALIFORNIA
Tree Inventory Summary

Prepared By:
California Tree and Landscape Consulting, Inc.
1243 High Street
Auburn, California 95603

November 20, 2019

The following tree inventory summary includes protected native oak trees located on the proposed College Park North Project site located on Sierra College Boulevard north of Rocklin Road, Rocklin, Ca. (APN 045-131-003, 045-131-001).

The inventory data was collected on various site visits which occurred in November 2019 by Edwin E. Stirtz, ISA Certified Arborist WE 0510A.

All trees falling within the City of Rocklin Tree Preservation Ordinance within 50' of any development activities are included in the inventory. This includes native oaks 6" dbh single stem and 10" dbh multi stems. The trees included in the inventory summary are identified in the field with a metal number tag the number on which corresponds to the numbers in the inventory summary and the tree inventory exhibit.

EVERGREEN SIERRA EAST, LLC
College Park South Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Preser-vation (P/M/G)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS	TOTAL MITIGA-TION INCHES
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR						
132	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	14	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	M	6	Out of balance southeast.	None at this time.	
133	Interior Live Oak	*(Quercus wislizeni)*		20	24	Fair	Fair	Fair	Fair	Fair	Fair	3	M	20		None at this time.	20
134	Interior Live Oak	*(Quercus wislizeni)*		6	13	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	2	M	6	Out of balance southeast. Above average amount of deadwood.	None at this time.	
135	Interior Live Oak	*(Quercus wislizeni)*	10,12,13, 14,16	16	33	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	Poor to fair	3	M	16	Weak attachments. Above average amount of deadwood.	None at this time.	
136	Interior Live Oak	*(Quercus wislizeni)*	7,8, 14,16	16	23	Fair	Fair	Fair	Fair	Fair	Fair	3	M	16		None at this time.	16
137	Valley Oak	*(Quercus lobata)*		20	21	Fair	Fair	Fair	Fair	Fair	Fair	3	M	20	Measured at 3' above grade. Above average amount of deadwood. Slightly sparse foliage.	None at this time.	20
138	Interior Live Oak	*(Quercus wislizeni)*	13,14,14	14	25	Poor	Poor	Poor	Poor	Poor	Poor	1	M	0	Weak attachments. Above average amount of deadwood. Sparse foliage.	***Recommend removal due to nature and extent of noted defects.***	
139	Interior Live Oak	*(Quercus wislizeni)*		8	5	Poor	Poor	Poor	Poor	Poor	Poor	1	M	0	Main stem previously cut 3.5' above grade.	***Recommend removal due to nature and extent of noted defects.***	
140	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	11	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6		None at this time.	6
28508	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	20	Fair	Fair	Fair	Fair	Fair	Fair	3	M	7	Out of balance to the east; slightly above average amount of deadwood.	None at this time.	7
28509	Interior Live Oak	*(Quercus wislizeni)*	8,9	9	22	Fair	Fair	Fair	Fair	Fair	Fair	3	M	9	Slightly above average amount of deadwood.	None at this time.	9
28510	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	25	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	M	7	Suppressed; out of balance to the south; slightly above average amount of deadwood.	None at this time.	7
28511	Interior Live Oak	*(Quercus wislizeni)*		8	12	Fair	Fair	Fair	Fair	Fair	Fair	3	M	8	Slightly above average amount of deadwood.	None at this time.	8
28512	Interior Live Oak	*(Quercus wislizeni)*		10	15	Fair	Fair	Fair	Fair	Fair	Fair	3	M	10	Out of balance to the east; slightly above average amount of deadwood.	None at this time.	10
28531	Valley Oak	*(Quercus lobata)*		8	14	Fair	Fair	Fair	Fair	Fair	Fair	3	M	8	Slightly above average amount of deadwood.	None at this time.	8
28532	Valley Oak	*(Quercus lobata)*		8	13	Fair	Fair	Fair	Fair	Fair	Fair	3	M	8	Slightly above average amount of deadwood.	None at this time.	8

EVERGREEN SIERRA EAST, LLC
College Park South Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Preser-vation (P/M/G)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS	TOTAL MITIGA-TION INCHES
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR						
28533	Valley Oak	*(Quercus lobata)*		30	32	Fair	Fair	Fair	Fair	Fair	Fair	2	M	30	Above average amount of deadwood.	***Perform root collar and aerial inspection and provide further recommendations.***	30
28534	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	11	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.	6
28535	Valley Oak	*(Quercus lobata)*	15,16	16	29	Fair	Fair	Fair	Fair	Fair	Fair	3	M	16	Slightly above average amount of deadwood.	None at this time.	16
28536	Valley Oak	*(Quercus lobata)*	5,7	7	14	Fair	Fair	Fair	Fair	Fair	Fair	3	M	7	Slightly above average amount of deadwood.	None at this time.	7
28537	Valley Oak	*(Quercus lobata)*	8,8	8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	M	8	Slightly above average amount of deadwood.	None at this time.	8
28538	Interior Live Oak	*(Quercus wislizeni)*	2,3,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Slightly above average amount of deadwood.	None at this time.	6
28539	Interior Live Oak	*(Quercus wislizeni)*		6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Slightly above average amount of deadwood.	None at this time.	6
28540	Valley Oak	*(Quercus lobata)*	6,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Slightly above average amount of deadwood.	None at this time.	6
28541	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Out of balance to the west; slightly above average amount of deadwood.	None at this time.	6
28542	Valley Oak	*(Quercus lobata)*		7	13	Fair	Fair	Fair	Fair	Fair	Fair	3	M	7	Slightly above average amount of deadwood.	None at this time.	7
28544	Valley Oak	*(Quercus lobata)*		6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Slightly above average amount of deadwood.	None at this time.	6
28546	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	15	Obscured	Obscured	Fair	Fair	Obscured	Fair	2	M	6	Root collar and lower trunk obscured by dense ivy growth (diameter is estimated). Tag on the branch.	***Remove ivy and reevaluate.***	
28547	Interior Live Oak	*(Quercus wislizeni)*		6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Out of balance to the north; slightly above average amount of deadwood.	None at this time.	6
28548	Valley Oak	*(Quercus lobata)*	5,6	6	19	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Forks at grade; out of balance to the east; slightly above average amount of deadwood.	None at this time.	6
28549	Valley Oak	*(Quercus lobata)*		16	23	Fair	Fair	Fair	Fair	Fair	Fair	3	M	16	Slightly above average amount of deadwood.	None at this time.	16

EVERGREEN SIERRA EAST, LLC
College Park South Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH* (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (5-0)	Preser-vation (P/M/G)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS	TOTAL MITIGA-TION INCHES
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR						
28550	Blue Oak	*(Quercus douglasii)*		35	38	Poor to fair	Obscured	Obscured	Fair	Obscured	Fair	2	M	35	Approximately half of the lower trunk is obscured by dense ivy, which extends up the southeasterly scaffold on the southeasterly stem; the tree is growing adjacent to a fairly new cinder block wall; old callusing pruning wounds; above average amount of deadwood; poor bud swell.	***Perform root collar and aerial inspection and provide further recommendations.***	35
28551	Interior Live Oak	*(Quercus wislizeni)*	8,12,12	12	25	Fair	Fair	Fair	Fair	Fair	Fair	3	M	12	Out of balance to the north; slightly above average amount of deadwood.	None at this time.	12
28552	Interior Live Oak	*(Quercus wislizeni)*	5,5,7	7	23	Fair	Fair	Fair	Fair	Fair	Fair	3	M	7	Slightly above average amount of deadwood.	None at this time.	7
28553	Blue Oak	*(Quercus douglasii)*		9	13	Fair	Fair	Fair	Fair	Fair	Fair	0	M	0	Tree is dead.	***Recommend removal due to nature and extent of noted defects.***	
28554	Interior Live Oak	*(Quercus wislizeni)*		11	17	Poor	Poor to fair	Fair	Fair	Poor	Fair	1	M	0	Callusing lower trunk wound; basal lower trunk wounds, west side, to 4' above grade; moderate to significant interior decay; out of balance to the west.	***Recommend removal due to nature and extent of noted defects.***	
28555	Interior Live Oak	*(Quercus wislizeni)*	9,14	14	28	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	M	14	Out of balance to the north; above average amount of deadwood.	None at this time.	14
28556	Valley Oak	*(Quercus lobata)*		6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	M	6	Slightly above average amount of deadwood.	None at this time.	6
28557	Valley Oak	*(Quercus lobata)*		10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	M	10	Slightly above average amount of deadwood.	None at this time.	10

TOTAL INVENTORIED TREES = 39 trees (411 aggregate diameter inches)
TOTAL RECOMMENDED REMOVALS = 4 trees (42 aggregate diameter inches)
PRECAUTIONARY TREES HIGHLIGHTED FOR REFERENCE
Rating (5-0): 5=0 trees; 4=0 trees; 3=32 trees; 2=5 trees; 1=1 tree; 0=1 tree
Suitability for Preservation (Poor, Moderate, Good): P=0 trees; M=39 trees; G=0 trees
Total Protected Trees = 39 trees (369 aggregate diameter inches)
Total Mitigation = 31 trees (335 aggregate diameter inches @ $96.00 = $32,160.00)

*Note: The diameter of multi-trunked trees is the total DBH of the largest trunk only.

CITY OF ROCKLIN CONDITIONAL RATING KEY:
5 (Excellent) = No problem(s)
4 (Good) = No apparent problem(s)
3 (Fair) = Minor problem(s)
2 (Poor) = Major problem(s)
1 (Hazardous, non-correctable) = Extreme problem(s)
0 (Dead) = Dead

Sierra Village: Area C, City of Rocklin, CA



Google Earth

feet 2000

meters 600

Tree Inventory Exhibit

Prep. by Sierra Nevada Arborists, March 31, 2017

COLLEGE PARK SOUTH
ROCKLIN, CALIFORNIA
Tree Inventory Summary

Prepared By:

California Tree and Landscape Consulting, Inc.

1243 High Street

Auburn, California 95603

July 1, 2017

The following tree inventory summary includes protected native oak trees located on the proposed College Park North Project site located on Sierra College Boulevard north of Rocklin Road, Rocklin, Ca. (APN 045-131-003, 045-131-001).

The inventory data was collected on various site visits which occurred in July 2017 by Edwin E. Stirtz, ISA Certified Arborist WE 0510A.

All trees falling within the City of Rocklin Tree Preservation Ordinance within 50' of any development activities are included in the inventory. This includes native oaks 6" dbh single stem and 10" dbh multi stems. The trees included in the inventory summary are identified in the field with a metal number tag the number on which corresponds to the numbers in the inventory summary and the tree inventory exhibit.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29775	Valley Oak	*(Quercus lobata)*		7	9	Fair	Fair	Fair	Dormant	Fair	Fair	3		None at this time.
29776	Valley Oak	*(Quercus lobata)*		7	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29777	Interior Live Oak	*(Quercus wislizeni)*	20,25	25	31	Poor	Poor to fair	Poor to fair	Fair	Poor	Fair	1	One sided southwest; forks at grade; callusing basal lower trunk wounds, with minor decay; fire scarring to large scaffolds; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29778	Valley Oak	*(Quercus lobata)*		14	23	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29779	Interior Live Oak	*(Quercus wislizeni)*		11	16	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29780	Valley Oak	*(Quercus lobata)*		14	22	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29781	Valley Oak	*(Quercus lobata)*		8	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29782	Valley Oak	*(Quercus lobata)*		6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	Minor evidence of beetle infestation in the lower trunk.	None at this time.
29783	Valley Oak	*(Quercus lobata)*		6	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29784	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29785	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29786	Interior Live Oak	*(Quercus wislizeni)*		6	9	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29787	Interior Live Oak	*(Quercus wislizeni)*		6	8	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29788	Interior Live Oak	*(Quercus wislizeni)*	4,5,8	8	17	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29789	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly out of balance to the west; slightly above average amount of deadwood.	None at this time.
29790	Interior Live Oak	*(Quercus wislizeni)*	6,8	8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29791	Interior Live Oak	*(Quercus wislizeni)*		7	12	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29792	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29793	Valley Oak	*(Quercus lobata)*		6	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29794	Valley Oak	*(Quercus lobata)*		9	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29795	Valley Oak	*(Quercus lobata)*		15	24	Fair	Fair	Fair	Dormant	Fair	Fair	3	Measured 3' above grade.	None at this time.
29796	Interior Live Oak	*(Quercus wislizeni)*	20,26	26	32	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	Suppressed; out of balance to the southwest; forks 4'-5' above grade; inherently weak crotches with included bark; slightly above average amount of deadwood.	None at this time.
29797	Interior Live Oak	*(Quercus wislizeni)*		11	19	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	Suppressed; out of balance to the north; slightly above average amount of deadwood.	None at this time.
29798	Valley Oak	*(Quercus lobata)*		6	6	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29799	Valley Oak	*(Quercus lobata)*	7,8	8	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29800	Interior Live Oak	*(Quercus wislizeni)*		7	9	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29801	Interior Live Oak	*(Quercus wislizeni)*	5,6,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the southwest; inherently weak primary crotch with included bark.	None at this time.
29802	Valley Oak	*(Quercus lobata)*		8	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29803	Interior Live Oak	*(Quercus wislizeni)*		7	13	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29804	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29805	Interior Live Oak	*(Quercus wislizeni)*	7,7	7	14	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29806	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29807	Interior Live Oak	*(Quercus wislizeni)*		7	11	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29808	Valley Oak	*(Quercus lobata)*		6	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29809	Interior Live Oak	*(Quercus wislizeni)*		7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29810	Interior Live Oak	*(Quercus wislizeni)*		6	17	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29811	Interior Live Oak	*(Quercus wislizeni)*		7	12	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29812	Valley Oak	*(Quercus lobata)*		6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29813	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	18	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29814	Valley Oak	*(Quercus lobata)*		8	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29815	Valley Oak	*(Quercus lobata)*	11,14	14	26	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29816	Valley Oak	*(Quercus lobata)*		8	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29817	Valley Oak	*(Quercus lobata)*		7	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29818	Valley Oak	*(Quercus lobata)*		6	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29819	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
29820	Valley Oak	*(Quercus lobata)*		6	8	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29821	Interior Live Oak	*(Quercus wislizeni)*	6,6	6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29822	Interior Live Oak	*(Quercus wislizeni)*		8	13	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29823	Valley Oak	*(Quercus lobata)*		8	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29824	Interior Live Oak	*(Quercus wislizeni)*	5,7	7	17	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29825	Interior Live Oak	*(Quercus wislizeni)*		7	22	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29826	Valley Oak	*(Quercus lobata)*		8	9	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29827	Valley Oak	*(Quercus lobata)*		8	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29828	Valley Oak	*(Quercus lobata)*	4,6	6	8	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29829	Valley Oak	*(Quercus lobata)*		7	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29830	Valley Oak	*(Quercus lobata)*		6	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29831	Valley Oak	*(Quercus lobata)*		7	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29832	Blue Oak	*(Quercus douglasii)*	6,6,7,8	8	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29833	Valley Oak	*(Quercus lobata)*		10	14	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29834	Interior Live Oak	*(Quercus wislizeni)*		6	8	Fair	Fair	Fair	Fair	Fair	Fair		Slightly above average amount of deadwood.	None at this time.
29835	Blue Oak	*(Quercus douglasii)*	5,6	6	7	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29836	Blue Oak	*(Quercus douglasii)*	4,5,6	6	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29837	Interior Live Oak	*(Quercus wislizeni)*		8	16	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29838	Valley Oak	*(Quercus lobata)*	4,6	6	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29839	Interior Live Oak	*(Quercus wislizeni)*	4,4,4,5,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29840	Interior Live Oak	*(Quercus wislizeni)*	6,10	10	12	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29841	Blue Oak	*(Quercus douglasii)*	5,6	6	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29842	Blue Oak	*(Quercus douglasii)*	6,6	6	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29843	Valley Oak	*(Quercus lobata)*		8	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29844	Valley Oak	*(Quercus lobata)*		8	12	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29845	Valley Oak	*(Quercus lobata)*		6	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29846	Valley Oak	*(Quercus lobata)*	7,7	7	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29847	Valley Oak	*(Quercus lobata)*		7	13	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29848	Interior Live Oak	*(Quercus wislizeni)*	5,6	6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29849	Interior Live Oak	*(Quercus wislizeni)*	5,5,6,6, 8,8	8	20	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29850	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the north; slightly above average amount of deadwood.	None at this time.
29851	Interior Live Oak	*(Quercus wislizeni)*	6,7	7	22	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29852	Interior Live Oak	*(Quercus wislizeni)*	8,12,13	13	27	Fair	Fair	Fair	Fair	Fair	Fair	3	Tag on branch.	None at this time.
29853	Interior Live Oak	*(Quercus wislizeni)*		8	13	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29854	Interior Live Oak	*(Quercus wislizeni)*	7,11	11	20	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29855	Interior Live Oak	*(Quercus wislizeni)*	11,12	12	25	Fair	Fair	Fair	Fair	Fair	Fair	3	Forks at grade; slightly above average amount of deadwood.	None at this time.
29856	Interior Live Oak	*(Quercus wislizeni)*		15	29	Fair	Fair	Fair	Fair	Fair	Fair	3	Measured 3' above grade; out of balance to the east; slightly above average amount of deadwood.	None at this time.
29857	Valley Oak	*(Quercus lobata)*		15	24	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29858	Valley Oak	*(Quercus lobata)*		7	16	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29859	Interior Live Oak	*(Quercus wislizeni)*	7,10	10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the south; slightly above average amount of deadwood.	None at this time.
29860	Interior Live Oak	*(Quercus wislizeni)*		14	20	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29861	Interior Live Oak	*(Quercus wislizeni)*	4,6,7	7	19	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29862	Interior Live Oak	*(Quercus wislizeni)*	8,10	10	28	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the east; slightly above average amount of deadwood.	None at this time.
29863	Valley Oak	*(Quercus lobata)*	10,14	14	29	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29864	Interior Live Oak	*(Quercus wislizeni)*		6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29865	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29866	Interior Live Oak	*(Quercus wislizeni)*	9,11	11	21	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29867	Interior Live Oak	*(Quercus wislizeni)*	12,14	14	25	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	Callusing basal lower trunk wounds with minor decay, various locations; forks grade to 2' above grade; weak attachments; slightly above average amount of deadwood.	None at this time.
29868	Interior Live Oak	*(Quercus wislizeni)*	8,10,13	13	26	Poor to fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	Tree is a stump sprout with up to 3' of separation between the root collars; slightly above average amount of deadwood.	None at this time.
29869	Valley Oak	*(Quercus lobata)*		8	11	Fair	Fair	Fair	Dormant	Fair	Fair	3		None at this time.
29870	Valley Oak	*(Quercus lobata)*		13	17	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29871	Interior Live Oak	*(Quercus wislizeni)*		7	15	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	Trunk has a lean to the north with a minor crook turning upright; slightly above average amount of deadwood.	None at this time.
29872	Interior Live Oak	*(Quercus wislizeni)*	4,5,6	6	9	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29873	Interior Live Oak	*(Quercus wislizeni)*		7	12	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the northeast; slightly above average amount of deadwood.	None at this time.
29874	Valley Oak	*(Quercus lobata)*		6	11	Fair	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	2	Suppressed; out of balance to the north; slightly above average amount of deadwood.	None at this time.
29875	Valley Oak	*(Quercus lobata)*		19	26	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29876	Valley Oak	*(Quercus lobata)*		12	25	Fair	Fair	Fair	Dormant	Fair	Fair	3	Out of balance to the north; slightly above average amount of deadwood.	None at this time.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29877	Interior Live Oak	*(Quercus wislizeni)*		16	24	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29878	Valley Oak	*(Quercus lobata)*		14	25	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29879	Valley Oak	*(Quercus lobata)*		12	15	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29880	Valley Oak	*(Quercus lobata)*		8	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29881	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	12	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29882	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29883	Valley Oak	*(Quercus lobata)*		7	10	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29884	Interior Live Oak	*(Quercus wislizeni)*		7	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29885	Interior Live Oak	*(Quercus wislizeni)*		6	10	Fair	Fair	Fair	Fair	Fair	Fair	3	4" stem cut off at base.	None at this time.
29886	Interior Live Oak	*(Quercus wislizeni)*		6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29887	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29888	Interior Live Oak	*(Quercus wislizeni)*	10,11	11	18	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29889	Interior Live Oak	*(Quercus wislizeni)*		12	28	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the southwest; slightly above average amount of deadwood.	None at this time.
29890	Blue Oak	*(Quercus douglasii)*		25	30	Fair	Fair	Fair	Dormant	Fair	Fair	3	Above average amount of deadwood; poor bud swell.	None at this time.
29891	Interior Live Oak	*(Quercus wislizeni)*		8	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29892	Interior Live Oak	*(Quercus wislizeni)*		15	32	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	Suppressed; out of balance to the west; slightly above average amount of deadwood.	None at this time.
29893	Valley Oak	*(Quercus lobata)*		21	34	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29894	Interior Live Oak	*(Quercus wislizeni)*	14,18	18	36	Poor	Poor to fair	Fair	Fair	Poor	Fair	1	Out of balance to the west; callusing basal cavity to 3' above grade; moderate interior decay; forks 3.5' above grade; inherently weak primary crotch with included bark; above average amount of deadwood.	***Recommend removal due to nature and extent of noted defects.***
29895	Interior Live Oak	*(Quercus wislizeni)*		17	36	Fair	Poor to fair	Poor to fair	Fair	Poor to fair	Fair	2	Out of balance to the west; above average amount of deadwood.	None at this time.
29896	Interior Live Oak	*(Quercus wislizeni)*	8,8	8	13	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29897	Interior Live Oak	*(Quercus wislizeni)*		11	21	Obscured	Obscured	Fair	Fair	Obscured	Fair	2	Tag on berries 20' west of the trunk. Root collar and lower trunk obscured by dense berries.	***Remove berries and provide further recommendations.***
29898	Interior Live Oak	*(Quercus wislizeni)*		7	16	Obscured	Obscured	Fair	Fair	Obscured	Fair	2	Tag on a branch 16' west of the trunk. Root collar and lower trunk obscured by dense berries.	***Remove berries and provide further recommendations.***
29899	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	13	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
29900	Interior Live Oak	*(Quercus wislizeni)*	13,18	18	33	Fair	Poor to fair	Fair	Fair	Poor to fair	Fair	2	Past partial failure of the root system has left the tree growing at an angle to the west; slightly above average amount of deadwood.	None at this time.
29901	Interior Live Oak	*(Quercus wislizeni)*		6	9	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29902	Interior Live Oak	*(Quercus wislizeni)*		18	33	Obscured	Poor to fair	Fair	Fair	Poor to fair	Fair	2	Lower trunk has a significant sweep to the northwest and is growing horizontal to grade for almost the entire length; slightly above average amount of deadwood.	None at this time.
29903	Interior Live Oak	*(Quercus wislizeni)*		10	17	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29904	Interior Live Oak	*(Quercus wislizeni)*	6,7,8,9	9	18	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29905	Interior Live Oak	*(Quercus wislizeni)*		10	21	Fair	Fair	Fair	Fair	Fair	Fair	3	Suppressed; out of balance to the north; slightly above average amount of deadwood.	None at this time.

EVERGREEN SIERRA EAST, LLC
Sierra Village Project Site
City of Rocklin, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						RATING	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR			
29906	Interior Live Oak	*(Quercus wislizeni)*		6	15	Obscured	Obscured	Fair	Fair	Obscured	Fair	2	Tag on berries 13' north of the trunk. Root collar and lower trunk obscured by dense berries; out of balance to the north; slightly above average amount of deadwood.	None at this time.
29907	Interior Live Oak	*(Quercus wislizeni)*		18	25	Fair	Fair	Fair	Fair	Fair	Fair	3	Tag on branch 20' north of the trunk. Tree is located just south of the south fence line. Dense berries around the base; slightly above average amount of deadwood.	None at this time.
29908	Valley Oak	*(Quercus lobata)*		7	11	Fair	Fair	Fair	Dormant	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29909	Interior Live Oak	*(Quercus wislizeni)*		6	15	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the northwest; slightly above average amount of deadwood.	None at this time.
29910	Interior Live Oak	*(Quercus wislizeni)*	4,6	6	15	Obscured	Obscured	Fair	Fair	Obscured	Fair	2	Tag on branch 10' southwest of the trunk. Root collar and lower trunk obscured by dense berries; out of balance to the south; slightly above average amount of deadwood.	None at this time.
29911	Interior Live Oak	*(Quercus wislizeni)*	9,9	9	17	Fair	Fair	Fair	Fair	Fair	Fair	3	Slightly above average amount of deadwood.	None at this time.
29912	Interior Live Oak	*(Quercus wislizeni)*	11,13	13	22	Fair	Fair	Fair	Fair	Fair	Fair	3	Tag on branch. Measured 3.5' above grade; forks 2.5' above grade; inherently weak primary crotch with weak attachments; above average amount of deadwood.	None at this time.
29913	Interior Live Oak	*(Quercus wislizeni)*		6	14	Fair	Fair	Fair	Fair	Fair	Fair	3	Out of balance to the north; slightly above average amount of deadwood.	None at this time.

TOTAL INVENTORIED TREES – 139 Trees (1,267 aggregate diameter inches)
TOTAL RECOMMENDED REMOVALS = 2 Trees (43 aggregate diameter inches)
PRECAUTIONARY TREES HIGHLIGHTED FOR REFERENCE

Sierra Village: Area C, City of Rocklin, CA



Google Earth

feet 2000

meters 600

Tree Inventory Exhibit

Prep. by Sierra Nevada Arborists, March 31, 2017

Appendix C

Mitigation Preserve
Tree Inventory

COLLEGE PARK PROJECT

ROCKLIN, CALIFORNIA

PROPOSED MITIGATION AREA

Tree Inventory Summary

Prepared By:

California Tree and Landscape Consulting, Inc.
1243 High Street
Auburn, California 95603

July 30, 2020

The following tree inventory summary includes protected native oak trees and other native and nonnative species located on the proposed Oak Tree Mitigation Site located northwest of Sierra College on Sierra College Boulevard at Interstate 80, Rocklin, Ca.

The inventory data was collected at during various site visits which occurred from June to July 2020 by Edwin E. Stirtz, ISA Certified Arborist WE 0510A, Nicole Harrison ISA Certified Arborist WE – 6500AM and Gordon Mann ISA Certified Arborist WE – 0151A.

All trees falling within the City of Rocklin Tree Preservation Ordinance within the 19.3 acre parcel were inventoried as well as any other trees 6" dbh single stem and 10" dbh multi stems. Additionally a count of those trees less than 6" single/ 10" multi was conducted. The trees included in the inventory summary are identified in the field with a metal number tag the number on which corresponds to the numbers in the inventory summary and the tree inventory exhibit.

College Park
Rocklin California
Porposed Mitigation Area Tree Inventory

Tag #	Tag # before renumber	Old Tag #	Protected By Code	Offsite	Common Name	Species	Multi-Stem	DBH	Measured At	Measured Canopy Radius	Arborist Rating	Notes	Recommendations
1	0				Red Willow	*Salix lasiolepis*	6,10,14,15	15	54	25	3 Fair - Minor Problems	Separate stems surrounded by blackberries, all with fair to poor structure and fair vigor. No tag.	
2	1				Pacific Willow	*Salix lucida*		10	54	9	3 Fair - Minor Problems	Edge of the creek prostrate with upright growth. No tag.	
3	1				Fremont Cottonwood	*Populus fremontii*		12	54	14	3 Fair - Minor Problems	No tag.	
4	1				Pacific Willow	*Salix lucida*		6	54	8	3 Fair - Minor Problems	No tag.	
5	1				California Buckeye	*Aesculus californica*		9	54	15	3 Fair - Minor Problems	No tag.	
6	1				Interior Live Oak	*Quercus wislizeni*		8	24	12	2 Major Structure or Health Problems	Surrounded by poison oak. No tag.	
7	2				Pacific Willow	*Salix lucida*	8,15	15	54	16	3 Fair - Minor Problems	Prostrate with upright growth. No tag.	
8	2				Pacific Willow	*Salix lucida*	15,15	15	54	17	3 Fair - Minor Problems	Buried in blackberries, some failures. Good canopy for species. No tag.	
9	2				Interior Live Oak	*Quercus wislizeni*	12,14	14	54	13	3 Fair - Minor Problems	No tag.	
10	2				Pacific Willow	*Salix lucida*		8	54	9	3 Fair - Minor Problems	No tag.	
11	2				Fremont Cottonwood	*Populus fremontii*		48	54	35	3 Fair - Minor Problems	Canker below 8 feet. Abnormal trunk shape. Dead on top. No tag.	R1
12	2				Interior Live Oak	*Quercus wislizeni*		12	54	16	3 Fair - Minor Problems	No tag.	
13	3				White Alder	*Alnus rhombifolia*		14	54	12	3 Fair - Minor Problems	Edge of bank and covered in vines. No tag.	
14	3				Pacific Willow	*Salix lucida*		9	54	8	3 Fair - Minor Problems	No tag.	
15	4				White Alder	*Alnus rhombifolia*		15	54	13	3 Fair - Minor Problems	No tag.	R4
16	4				Interior Live Oak	*Quercus wislizeni*		6	54	12	3 Fair - Minor Problems	Surrounded by blackberries and poison oak. Edge of creek. No tag.	
17	5				Narrowleaf Willow	*Salix exigua*	1,1,2,2,7,3,3,4,13	13	54	16	3 Fair - Minor Problems	Cluster along the bank. No tag.	
18	5				Interior Live Oak	*Quercus wislizeni*	7,14	14	54	20	3 Fair - Minor Problems	Surrounded by blackberries. Smaller stem top failure. No tag.	
19	5				Interior Live Oak	*Quercus wislizeni*		12	54	20	3 Fair - Minor Problems	Surrounded by blackberries. Abnormal bend in trunk and decay at failure in critical location. No tag.	R2
20	5				Interior Live Oak	*Quercus wislizeni*		7	54	15	3 Fair - Minor Problems	Too much poison oak. Bows over creek. No tag.	R2
21	6				White Alder	*Alnus rhombifolia*		14	54	12	3 Fair - Minor Problems	No tag.	
22	6				White Alder	*Alnus rhombifolia*	12,13	12	54	11	3 Fair - Minor Problems	No tag.	
23	6				White Alder	*Alnus rhombifolia*		9	54	0	0 Dead	Downed by beaver. No tag.	
24	6				Pacific Willow	*Salix lucida*	17,20,24	24	54	35	3 Fair - Minor Problems	Two large deadwood in upper canopy and cavities throughout. No tag.	
25	6				White Alder	*Alnus rhombifolia*		10	54	15	3 Fair - Minor Problems	No tag.	
26	6				Interior Live Oak	*Quercus wislizeni*		14	54	25	3 Fair - Minor Problems	Significantly surrounded by poison oak. No tag.	R2
27	7				White Alder	*Alnus rhombifolia*		16	54	14	3 Fair - Minor Problems	No tag.	
28	7				White Alder	*Alnus rhombifolia*		0	54	0	0 Dead	Downed by beaver. No tag.	
29	7				White Alder	*Alnus rhombifolia*		25	54	20	3 Fair - Minor Problems	No tag.	
30	7				Interior Live Oak	*Quercus wislizeni*	12,13,15	15	54	25	2 Major Structure or Health Problems	Three stems coming out of blackberries and poison oak. No tag.	
31	7				Interior Live Oak	*Quercus wislizeni*		20	54	30	3 Fair - Minor Problems	Surrounded by blackberries. Significant loan. No tag.	R2
32	7				Interior Live Oak	*Quercus wislizeni*		10	54	20	3 Fair - Minor Problems	Surrounded by poison oak. Leans west. No tag.	R2

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33	8				White Alder	*Alnus rhombifolia*		11	54	10	3 Fair - Minor Problems	No tag.	
34	8				Pacific Willow	*Salix lucida*	18,13	13	54	15	3 Fair - Minor Problems	Poor conditions. Dead tops mostly epicormic growth. No tag.	
35	8				Pacific Willow	*Salix lucida*	12,14,24	24	54	30	3 Fair - Minor Problems	No tag.	
36	8				White Alder	*Alnus rhombifolia*		20	54	20	3 Fair - Minor Problems	No tag.	
37	8				Interior Live Oak	*Quercus wislizeni*		10	54	20	3 Fair - Minor Problems	No tag.	
38	9				White Alder	*Alnus rhombifolia*		10	54	11	3 Fair - Minor Problems	No tag.	
39	9				Pacific Willow	*Salix lucida*		8	54	7	3 Fair - Minor Problems	No tag.	
40	9				White Alder	*Alnus rhombifolia*	7,8,9	9	54	10	3 Fair - Minor Problems	Estimated 2 or 3 trees of 4 stems each, all less than 10 inches. No tag.	
41	9				White Alder	*Alnus rhombifolia*		15	54	15	3 Fair - Minor Problems	No tag.	
42	9				White Alder	*Alnus rhombifolia*		10	54	15	3 Fair - Minor Problems	Recent failure. No tag.	R1
43	10				White Alder	*Alnus rhombifolia*		12	54	10	3 Fair - Minor Problems	No tag.	
44	10				White Alder	*Alnus rhombifolia*		8	54	7	3 Fair - Minor Problems	No tag.	
45	10				White Alder	*Alnus rhombifolia*	7,8	8	54	6	3 Fair - Minor Problems	No tag.	
46	10				White Alder	*Alnus rhombifolia*	6,6,10,10	10	54	25	3 Fair - Minor Problems	No tag.	
47	10				Interior Live Oak	*Quercus wislizeni*	4,8,7,8	8	54	7	3 Fair - Minor Problems	Recently pruned for high voltage utility lines. No tag.	R2
48	10				Interior Live Oak	*Quercus wislizeni*	8,12	12	54	15	3 Fair - Minor Problems	Surrounded by poison oak. Codominant at 1 foot. No tag.	R2
49	10				Pacific Willow	*Salix lucida*		50	54	27	3 Fair - Minor Problems	No tag.	R2
50	11				White Alder	*Alnus rhombifolia*		12	54	14	3 Fair - Minor Problems	No tag.	
51	11				Sandbar Willow	*Salix exigua* Nutt.		6	54	8	3 Fair - Minor Problems	Within 30 feet of creek. Surrounded by blackberries. No tag.	
52	12				White Alder	*Alnus rhombifolia*	4,9,13	13	54	14	3 Fair - Minor Problems	No tag.	
53	12				Interior Live Oak	*Quercus wislizeni*		8	54	7	3 Fair - Minor Problems	No tag.	
54	12				Blue Oak	*Quercus douglasii*		13	54	13	3 Fair - Minor Problems	No tag.	
55	12				Sandbar Willow	*Salix exigua* Nutt.		6	54	5	3 Fair - Minor Problems	No tag.	R2
56	12				Sandbar Willow	*Salix exigua* Nutt.		6	54	6	3 Fair - Minor Problems	No tag.	R2
57	13				Pacific Willow	*Salix lucida*		6	54	5	3 Fair - Minor Problems	No tag.	
58	13				Pacific Willow	*Salix lucida*	15,15	15	54	18	0 Dead	Mostly dead. Large failures. No tag.	
59	13				Maple	*Acer*		14	54	12	3 Fair - Minor Problems	No tag.	
60	13				Blue Oak	*Quercus douglasii*		12	54	30	3 Fair - Minor Problems	No tag.	
61	13				Interior Live Oak	*Quercus wislizeni*		8	54	8	3 Fair - Minor Problems	Hit by fallen tree. Poor structure. No tag.	R2
62	14				White Alder	*Alnus rhombifolia*	5,7,10,13	13	54	12	3 Fair - Minor Problems	No tag.	
63	14				Pacific Willow	*Salix lucida*		8	54	9	3 Fair - Minor Problems	No tag.	
64	14				Interior Live Oak	*Quercus wislizeni*		7	54	15	3 Fair - Minor Problems	Rose from suppression. No tag.	
65	14				Interior Live Oak	*Quercus wislizeni*		12	54	25	3 Fair - Minor Problems	No tag.	
66	14				White Alder	*Alnus rhombifolia*		23	54	20	3 Fair - Minor Problems	No tag.	
67	14				White Alder	*Alnus rhombifolia*		10	54	15	3 Fair - Minor Problems	No tag.	
68	15				White Alder	*Alnus rhombifolia*	8,10,14	14	54	12	3 Fair - Minor Problems	No tag.	
69	15				White Alder	*Alnus rhombifolia*		20	54	19	3 Fair - Minor Problems	No tag.	
70	15				Interior Live Oak	*Quercus wislizeni*		16	54	25	3 Fair - Minor Problems	Buried in blackberries and poison oak. Damage on main trunk. No tag.	R2

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71	15				White Alder	*Alnus rhombifolia*		18	54	15	3 Fair - Minor Problems	No tag.	
72	16				White Alder	*Alnus rhombifolia*		18	54	11	3 Fair - Minor Problems	No tag.	
73	16				White Alder	*Alnus rhombifolia*	5,7	7	54	8	3 Fair - Minor Problems	No tag.	
74	16				Fremont Cottonwood	*Populus fremontii*		28	54	30	3 Fair - Minor Problems	No tag.	
75	16				Interior Live Oak	*Quercus wislizeni*		18	54	15	3 Fair - Minor Problems	Significant lean. No tag.	R1
76	16				Interior Live Oak	*Quercus wislizeni*		6	54	15	3 Fair - Minor Problems	Prostrate or failed. No tag.	R1
77	17				Interior Live Oak	*Quercus wislizeni*		12	54	25	3 Fair - Minor Problems	No tag.	
78	17				White Alder	*Alnus rhombifolia*	8,6	6	54	11	3 Fair - Minor Problems	No tag.	
79	17				White Alder	*Alnus rhombifolia*		12	54	15	3 Fair - Minor Problems	No tag.	
80	17				Blue Oak	*Quercus douglasii*	9,12	12	54	13	3 Fair - Minor Problems	No tag.	R2
81	18				Interior Live Oak	*Quercus wislizeni*		8	54	7	3 Fair - Minor Problems	No tag.	
82	18				Interior Live Oak	*Quercus wislizeni*		18	54	12	3 Fair - Minor Problems	No tag.	
83	18				Pacific Willow	*Salix lucida*		12	54	18	3 Fair - Minor Problems	No tag.	
84	19				Interior Live Oak	*Quercus wislizeni*		14	54	10	3 Fair - Minor Problems	Significant lean. No tag.	
85	19				White Alder	*Alnus rhombifolia*	8,10	10	54	9	3 Fair - Minor Problems	No tag.	
86	19				Red Willow	*Salix laevigata*		7	54	8	3 Fair - Minor Problems	No tag.	
87	20				Blue Oak	*Quercus douglasii*		10	54	12	3 Fair - Minor Problems	No tag.	
88	20				Red Willow	*Salix laevigata*		7	54	15	3 Fair - Minor Problems	No tag.	
89	21				Blue Oak	*Quercus douglasii*		17	54	18	3 Fair - Minor Problems	No tag.	
90	21				Pacific Willow	*Salix lucida*		18	54	20	3 Fair - Minor Problems	Mostly prostrate. Poor structure. No tag.	R1
91	22				Interior Live Oak	*Quercus wislizeni*		18	54	11	3 Fair - Minor Problems	No tag.	
92	23				Interior Live Oak	*Quercus wislizeni*		18	54	15	3 Fair - Minor Problems	Overextended toward street. No tag.	
93	23				Interior Live Oak	*Quercus wislizeni*	5,8	8	54	20	3 Fair - Minor Problems	Paves over. No tag.	
94	24				Valley Oak	*Quercus lobata*		13	54	14	3 Fair - Minor Problems	No tag.	
95	25				Interior Live Oak	*Quercus wislizeni*		18	54	9	3 Fair - Minor Problems	No tag.	
96	25				Pacific Willow	*Salix lucida*	15,23	23	54	30	3 Fair - Minor Problems	Behind cluster of Sandbar Pacific Willow. No tag.	
97	26				Interior Live Oak	*Quercus wislizeni*		8	54	7	3 Fair - Minor Problems	No tag.	
98	26				Valley Oak	*Quercus lobata*		18	54	11	3 Fair - Minor Problems	No tag.	
99	26				White Alder	*Alnus rhombifolia*		30	54	30	3 Fair - Minor Problems	Dead tops. No tag.	
100	27				Valley Oak	*Quercus lobata*	9,13	13	54	15	3 Fair - Minor Problems	9 is understory. No tag.	
101	28				Interior Live Oak	*Quercus wislizeni*		18	54	11	3 Fair - Minor Problems	Prostrate. No tag.	
102	28				White Alder	*Alnus rhombifolia*		12	54	25	3 Fair - Minor Problems	Canopy identified from a distance. No tag.	
103	29				Valley Oak	*Quercus lobata*		6	54	30	4 Good - No Apparent Problems	No tag.	
104	30				White Alder	*Alnus rhombifolia*		28	54	17	3 Fair - Minor Problems	Second stem 10 inches. Leans over creek. No tag.	
105	30				White Alder	*Alnus rhombifolia*		12	54	13	3 Fair - Minor Problems	No tag.	
106	30				Pacific Willow	*Salix lucida*		18	54	20	3 Fair - Minor Problems	No tag.	
107	31				White Alder	*Alnus rhombifolia*	7,8,10	18	54	11	3 Fair - Minor Problems	No tag.	
108	31				Pacific Willow	*Salix lucida*	8,10	18	54	20	3 Fair - Minor Problems	No tag.	
109	32				White Alder	*Alnus rhombifolia*		10	54	11	3 Fair - Minor Problems	No tag.	

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110	33				White Alder	*Alnus rhombifolii*	6,11,17	17	54	18	3 Fair - Minor Problems	No tag.	
111	33				White Alder	*Alnus rhombifolii*		10	54	15	3 Fair - Minor Problems	North side of creek. No tag.	
112	34				White Alder	*Alnus rhombifolii*	8,9	9	54	8	3 Fair - Minor Problems	No tag.	
113	34				White Alder	*Alnus rhombifolii*	4,8,10	10	54	11	3 Fair - Minor Problems	No tag.	
114	35				White Alder	*Alnus rhombifolii*		8	54	7	3 Fair - Minor Problems	No tag.	
115	35				Pacific Willow	*Salix lucida*	13,17	17	54	30	3 Fair - Minor Problems	No tag.	
116	35				Pacific Willow	*Salix lucida*	18	18	54	40	3 Fair - Minor Problems	Mostly on the ground prostrate with upright regrowth. No tag.	
117	36				Fremont Cottonwood	*Populus fremontii*		14	54	16	3 Fair - Minor Problems	No tag.	
118	37				Fremont Cottonwood	*Populus fremontii*		13	54	12	3 Fair - Minor Problems	No tag.	
119	38				Fremont Cottonwood	*Populus fremontii*	6,9	9	54	7	3 Fair - Minor Problems	No tag.	
120	39				Fremont Cottonwood	*Populus fremontii*		7	54	8	3 Fair - Minor Problems	No tag.	
121	40				White Alder	*Alnus rhombifolia*	8,8,9	9	54	11	3 Fair - Minor Problems	No tag.	
122	41				Interior Live Oak	*Quercus wislizeni*		13	54	14	3 Fair - Minor Problems	No tag.	
123	180				White Alder	*Alnus rhombifolia*		10	54	15	3 Fair - Minor Problems	No tag.	
124	181				Blue Oak	*Quercus douglasii*		16	54	15	0 Dead	Dead snag. No tag.	
125	185				Interior Live Oak	*Quercus wislizeni*		15	54	20	5 Fair - Minor Problems	Located creekside in dense berries in poison oak. No tag.	
126	186				Blue Oak	*Quercus douglasii*		12	54	13	5 Fair - Minor Problems	Estimated due to poison oak. No tag.	
127	186				Interior Live Oak	*Quercus wislizeni*		17	54	27	5 Fair - Minor Problems	Located creekside in dense berries in poison oak. Fair condition. No tag.	
128	107				Interior Live Oak	*Quercus wislizeni*		7	54	5	2 Major Structure or Health Problems	Dense poison oak. No tag.	
129	187				White Alder	*Alnus rhombifolia*		7	54	8	5 Fair - Minor Problems	Located creekside in dense berries and poison oak. No tag.	
130	188				Interior Live Oak	*Quercus wislizeni*		8	54	8	1 Extreme Structure or Health Problems	Estimated. Poison oak. No tag.	
131	189				Pacific Willow	*Salix lucida*		28	54	30	4 Fair - Minor Problems	Located creekside. Previously failed with decay in the lower trunk. No tag.	
132	189				Pacific Willow	*Salix lucida*	6,8,7,7,8	8	54	12	5 Fair - Minor Problems	Surrounded by blackberries. No tag.	
133	189				Pacific Willow	*Salix lucida*		6	54	17	5 Fair - Minor Problems	No tag.	
134	130				Interior Live Oak	*Quercus wislizeni*		11	54	13	2 Major Structure or Health Problems	Poison oak. No tag.	
135	130				White Alder	*Alnus rhombifolia*		12	54	17	5 Fair - Minor Problems	Creekside in dense berries and poison oak at footbridge. No tag.	
136	131				Interior Live Oak	*Quercus wislizeni*		17	54	15	3 Fair - Minor Problems	Poison oak. No tag.	
137	131				Catalpa sp.	*Catalpa spp.*		8	54	14	3 Fair - Minor Problems	No tag.	
138	132				White Alder	*Alnus rhombifolia*	3,3,3,7	7	54	11	3 Fair - Minor Problems	At edge of channel surrounded by blackberries. No tag.	
139	132				Pacific Willow	*Salix lucida*		7	54	13	5 Fair - Minor Problems	No tag.	
140	133				Interior Live Oak	*Quercus wislizeni*		7	54	6	1 Extreme Structure or Health Problems	Suppressed at top. No tag.	
141	115				Interior Live Oak	*Quercus wislizeni*		22	54	24	2 Major Structure or Health Problems	Surrounded by poison oak. Couple snags out of upper canopy. No tag.	

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142	138				White Alder	*Alnus rhombifolia*	8,7,8,12	12	54	14	3 Fair - Minor Problems	White alder 4 stems 12, 7, 8, 8 White alder 9 White alder, 6,3 all on creekbank .No tag.	
143	127				Interior Live Oak	*Quercus wislizeni*		28	54	22	1 Extreme Structure or Health Problems	Trunk snapped at 10 feet. No tag.	
144	128				Pacific Willow	*Salix lucida*	6,7,10	18	54	18	3 Fair - Minor Problems	Buried in blackberries east of Tree 762. No tag.	
145	129				Interior Live Oak	*Quercus wislizeni*		11	54	9	3 Fair - Minor Problems	Surrounded by poison oak and blackberries. No tag.	
146	130				Interior Live Oak	*Quercus wislizeni*		13	54	12	3 Fair - Minor Problems	Surrounded by poison oak and blackberries. No tag.	
147	131				Interior Live Oak	*Quercus wislizeni*		18	54	9	3 Fair - Minor Problems	Surrounded by blackberries and poison oak. Multiple White Alder sprouts all along creekbank .No tag.	
148	132				Blue Oak	*Quercus douglasi*		12	54	14	2 Major Structure or Health Problems	Surrounded by poison oak. No tag.	
149	135				Valley Oak	*Quercus lobata*		58	54	29	3 Fair - Minor Problems	Poison oak. Large failure of codominant and upper canopy. No tag.	
150	136				Interior Live Oak	*Quercus wislizeni*		9	54	7	2 Major Structure or Health Problems	No tag.	
151	136				Valley Oak	*Quercus lobata*		53	54	35	3 Fair - Minor Problems	Codominant and weights. No tag.	
152	138				Interior Live Oak	*Quercus wislizeni*		7	54	9	2 Major Structure or Health Problems	No tag.	
153	139				Interior Live Oak	*Quercus wislizeni*		6	54	6	2 Major Structure or Health Problems	No tag.	
154	140				Boxelder	*Acer negundo*	6,8,7,7,9,8,8,13	13	54	18	3 Fair - Minor Problems	Elders on the creekbank .No tag.	
155	140				Foothill Pine	*Pinus sabiniana*		54	54	35	1 Extreme Structure or Health Problems	No tag.	
156	142				Foothill Pine	*Pinus sabiniana*		58	54	33	1 Extreme Structure or Health Problems	No tag.	
157	145				White Alder	*Alnus rhombifolia*		13	54	12	3 Fair - Minor Problems	No tag.	
158	146				White Alder	*Alnus rhombifolia*	6,7,8,8,10,10	18	54	15	3 Fair - Minor Problems	Along the creek. No tag.	
159	147				Boxelder	*Acer negundo*	6,6,7,8,8,10,12	12	54	17	3 Fair - Minor Problems	Along the creek. No tag.	
160	148				Interior Live Oak	*Quercus wislizeni*		16	54	12	2 Major Structure or Health Problems	Surrounded by poison oak. No tag.	
161	149				Interior Live Oak	*Quercus wislizeni*		14	54	15	2 Major Structure or Health Problems	Poison oak .No tag.	
162	150				Blue Oak	*Quercus douglasi*		14	54	17	2 Major Structure or Health Problems	No tag.	
163	151				Interior Live Oak	*Quercus wislizeni*		22	54	28	2 Major Structure or Health Problems	No tag.	
164	153				Interior Live Oak	*Quercus wislizeni*		14	54	17	2 Major Structure or Health Problems	No tag.	
165	155				California Buckeye	*Aesculus californica*		6	54	8	3 Fair - Minor Problems	No tag.	

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166	156				Foothill Pine	*Pinus sabiniana*		16	54	19	2 Major Structure or Health Problems	No tag.	
167	160				White Alder	*Alnus rhombifolia*	18,14	14	54	16	3 Fair - Minor Problems	No tag.	
168	161				Blue Oak	*Quercus douglasii*		14	54	16	3 Fair - Minor Problems	No tag.	
169	170				Blue Oak	*Quercus douglasii*		28	54	29	3 Fair - Minor Problems	Poison oak, dead branches, and debris at base. Fair to good canopy. No tag.	
170	170				Pacific Willow	*Salix lucida*	4,5,6,6	6	54	9	1 Extreme Structure or Health Problems	No tag.	
171	170				White Alder	*Alnus rhombifolia*		7	54	8	4 Good - No Apparent Problems	No tag.	
172	170				Interior Live Oak	*Quercus wislizeni*	13,14	14	54	15	3 Fair - Minor Problems	No tag.	
173	170				Interior Live Oak	*Quercus wislizeni*		13	54	11	1 Extreme Structure or Health Problems	No tag.	
174	180				Interior Live Oak	*Quercus wislizeni*		12	54	15	3 Fair - Minor Problems	No tag.	
175	181				Interior Live Oak	*Quercus wislizeni*	7,10	10	54	13	2 Major Structure or Health Problems	Surrounded by poison oak. No tag.	
176	183				Interior Live Oak	*Quercus wislizeni*		17	54	19	1 Extreme Structure or Health Problems	No tag.	
177	188				Interior Live Oak	*Quercus wislizeni*		14	54	13	2 Major Structure or Health Problems	No tag.	
178	189				Interior Live Oak	*Quercus wislizeni*		15	54	17	2 Major Structure or Health Problems	No tag.	
179	190				Interior Live Oak	*Quercus wislizeni*		19	54	21	3 Fair - Minor Problems	Surrounded by poison oak. No tag.	
180	580				White Alder	*Alnus rhombifolia*		11	54	15	3 Fair - Minor Problems	No tag.	
181	581				Pacific Willow	*Salix lucida*		14	54	13	2 Major Structure or Health Problems	Broken main stem 5 feet above grade No tag.	
182	582				Interior Live Oak	*Quercus wislizeni*		24	54	30	3 Fair - Minor Problems	Lower trunk cavity to 3 feet above grade with moderate decay. No tag.	
183	583				White Alder	*Alnus rhombifolia*		14	54	18	3 Fair - Minor Problems	In dense berries and poison oak at creekside. No tag.	
184	584				Pacific Willow	*Salix lucida*		7	54	9	3 Fair - Minor Problems	Creekside in dense berries. No tag.	
185	585				White Alder	*Alnus rhombifolia*		16	54	22	3 Fair - Minor Problems	Growing creekside in dense berries. No tag.	
186	586				White Alder	*Alnus rhombifolia*		12	54	15	3 Fair - Minor Problems	Group of White Alders. 3 individual trees north side of creek. Diameters 10-13 inches. No tag.	
187	587				Pacific Willow	*Salix lucida*	8,9	9	54	20	3 Fair - Minor Problems	Growing creekside in dense berries. No tag.	
188	588				Catalpa sp.	*Catalpa spp.*		7	54	15	3 Fair - Minor Problems	Growing creekside in dense berries. No tag.	
189	589				Pacific Willow	*Salix lucida*		11	54	19	3 Fair - Minor Problems	Growing in dense berries and poison oak creekside. No tag.	
190	530				White Alder	*Alnus rhombifolia*	8,10	10	54	17	3 Fair - Minor Problems	Growing creekside in dense berries. No tag.	
191	531				White Alder	*Alnus rhombifolia*	6,10	10	54	18	3 Fair - Minor Problems	Growing creekside in dense berries. No tag.	
192	532				Prunus sp.	*Prunus spp.*	1,1,2,2,6	6	54	7	3 Fair - Minor Problems	Multi-stem Wild Plum clump. No tag.	
193	533				Prunus sp.	*Prunus spp.*	1,1,2,2,6	6	54	9	3 Fair - Minor Problems	Clump creekside. No tag.	

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194	534				Interior Live Oak	*Quercus wislizeni*		18	54	0	5 Fair - Minor Problems	Dead snag directly adjacent to lower trail just east of the intersection with upper trail. No tag.	
195	535				Interior Live Oak	*Quercus wislizeni*		18	54	30	5 Fair - Minor Problems	Located in dense berries and poison oak 15 feet from creekside. No tag.	
196	536				Valley Oak	*Quercus lobata*		28	54	35	5 Fair - Minor Problems	Located creekside in dense berries. No tag.	
197	537				White Alder	*Alnus rhombifolia*		11	54	16	3 Fair - Minor Problems	Located creekside in dense berries and poison oak. No tag.	
198	538				Blue Oak	*Quercus douglasii*		19	54	27	5 Fair - Minor Problems	Located in dense berries in poison oak 25 feet from creekside. No tag.	
199	539				Interior Live Oak	*Quercus wislizeni*		20	54	25	5 Fair - Minor Problems	No tag.	
200	525				Pacific Willow	*Salix lucida*	18,23	22	54	30	5 Fair - Minor Problems	Located creekside in dense berries. No tag.	
201	526				Catalpa sp.	*Catalpa spp.*		6	54	15	5 Fair - Minor Problems	Located creekside in dense berries. No tag.	
202	527				White Alder	*Alnus rhombifolia*	3,4,5,6	6	54	15	5 Fair - Minor Problems	Located creekside in dense berries. No tag.	
203	528				White Alder	*Alnus rhombifolia*		7	54	18	3 Fair - Minor Problems	Located creekside in dense berries and poison oak. No tag.	
204	529				Pacific Willow	*Salix lucida*	14,18	18	54	30	3 Fair - Minor Problems	Located creekside in dense berries and poison oak. No tag.	
205	530				Pacific Willow	*Salix lucida*	15,15	15	54	30	3 Fair - Minor Problems	Located creekside in dense berries and poison oak. No tag.	
206	531				Bigleaf Maple	*Acer macrophyllum*		24	36	28	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
207	532				Pacific Willow	*Salix lucida*		11	54	30	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
208	535				White Alder	*Alnus rhombifolia*	8,18	18	54	15	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
209	536				White Alder	*Alnus rhombifolia*		8	54	15	3 Fair - Minor Problems	Group of 6 individual trees, some with twin dual stems 5-8 inches. No tag.	
210	537				Pacific Willow	*Salix lucida*	5,5,7,10	18	54	25	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
211	538				Pacific Willow	*Salix lucida*	8,18	18	54	30	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
212	539				Pacific Willow	*Salix lucida*		14	54	25	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
213	540				Pacific Willow	*Salix lucida*		12	54	25	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
214	541				Pacific Willow	*Salix lucida*		12	54	17	5 Fair - Minor Problems	Located creekside in dense berries. No tag.	
215	550				White Alder	*Alnus rhombifolia*		15	54	15	3 Fair - Minor Problems	Located creekside just downstream of the pedestrian bridge. No tag.	
216	551				Pacific Willow	*Salix lucida*		12	54	30	5 Fair - Minor Problems	Located creekside in dense berries. No tag.	
217	552				Pacific Willow	*Salix lucida*		7	54	17	5 Fair - Minor Problems	Located creekside in dense berries. No tag.	
218	553				Pacific Willow	*Salix lucida*		6	54	15	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
219	554				White Alder	*Alnus rhombifolia*		8	54	15	5 Fair - Minor Problems	Located creekside in dense berries. Group of four White Alders 5-8 inches in diameter. No tag.	
220	555				Interior Live Oak	*Quercus wislizeni*		24	54	30	3 Fair - Minor Problems	Located in dense berries and poison oak partway between creek and walking trail. No tag.	
221	556				Interior Live Oak	*Quercus wislizeni*	18,25	25	54	25	5 Fair - Minor Problems	Located in dense berries and poison oak partway between creek and walking trail. No tag.	
222	557				White Alder	*Alnus rhombifolia*		7	54	15	5 Fair - Minor Problems	Located in creekside and dense berries and poison oak. No tag.	
223	558				White Alder	*Alnus rhombifolia*		14	54	30	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	

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224	559				Interior Live Oak	*Quercus wislizeni*		17	54	30	3 Fair - Minor Problems	Located in deep berries, approximately halfway between creek and walking trail. No tag.	
225	560				Interior Live Oak	*Quercus wislizeni*	10,11,11,15,22	22	54	30	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
226	561				Interior Live Oak	*Quercus wislizeni*		11	54	15	3 Fair - Minor Problems	Located in berries. No tag.	
227	562				Interior Live Oak	*Quercus wislizeni*		18	54	30	3 Fair - Minor Problems	Located in dense berries. No tag.	
228	563				White Alder	*Alnus rhombifolia*		13	54	15	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
229	564				White Alder	*Alnus rhombifolia*		15	54	20	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
230	565				Interior Live Oak	*Quercus wislizeni*		21	54	25	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
231	566				Interior Live Oak	*Quercus wislizeni*		7	54	15	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
232	567				Interior Live Oak	*Quercus wislizeni*		22	54	30	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
233	568				Interior Live Oak	*Quercus wislizeni*		20	54	25	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
234	569				Interior Live Oak	*Quercus wislizeni*		11	54	20	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
235	570				Interior Live Oak	*Quercus wislizeni*		11	54	20	3 Fair - Minor Problems	Located in dense berries halfway between creek and walking trail. No tag.	
236	571				Interior Live Oak	*Quercus wislizeni*		17	54	25	3 Fair - Minor Problems	Located 20 feet from creekside in dense berries. No tag.	
237	572				Interior Live Oak	*Quercus wislizeni*		19	54	25	3 Fair - Minor Problems	Located in dense berries. No tag.	
238	573				Interior Live Oak	*Quercus wislizeni*		14	54	20	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
239	574				Interior Live Oak	*Quercus wislizeni*		10	54	15	3 Fair - Minor Problems	Located in dense berries and some poison oak. Lower trunk defects moderate to significant. No tag.	
240	575				Interior Live Oak	*Quercus wislizeni*	11,14	14	54	25	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
241	576				Interior Live Oak	*Quercus wislizeni*	10,11,14	14	54	25	3 Fair - Minor Problems	Located in dense berries. Some poison oak midway between creek and walking trail. No tag.	
242	577				Pacific Willow	*Salix lasiolepis*	15,19	19	54	30	3 Fair - Minor Problems	Located in dense berries and poison oak 20 feet from creekside. No tag.	
243	578				Pecan	*Carya illinoinensis*		13	54	15	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
244	579				Fremont Cottonwood	*Populus fremontii*		50	54	40	3 Fair - Minor Problems	Located on the floodplain and dense berries. No tag.	
245	580				Pacific Willow	*Salix lasiolepis*	8,14	14	54	25	3 Fair - Minor Problems	Located on the floodplain and dense berries. No tag.	
246	581				Interior Live Oak	*Quercus wislizeni*	10,10,11,13,15	15	54	30	3 Fair - Minor Problems	Located in dense berries and poison oak. No tag.	
247	582				Pacific Willow	*Salix lasiolepis*	8,10,13,13	13	54	25	3 Fair - Minor Problems	Located in a floodplain near creek. No tag.	
248	583				Interior Live Oak	*Quercus wislizeni*		8	54	15	3 Fair - Minor Problems	Located on floodplain. No tag.	
249	584				Interior Live Oak	*Quercus wislizeni*		20	54	25	3 Fair - Minor Problems	Located at edge of floodplain and slope in dense berries. No tag.	
250	585				Interior Live Oak	*Quercus wislizeni*		13	54	30	3 Fair - Minor Problems	Located at edge of floodplain and slope in dense berries. No tag.	
251	586				Interior Live Oak	*Quercus wislizeni*		15	54	20	3 Fair - Minor Problems	Located at edge of floodplain and slope in dense berries. No tag.	
252	587				Interior Live Oak	*Quercus wislizeni*		7	54	20	3 Fair - Minor Problems	Located in dense berries just above floodplain. No tag.	
253	588				Interior Live Oak	*Quercus wislizeni*	13,13	13	54	30	3 Fair - Minor Problems	Located at the base of the slope above floodplain. No tag.	
254	589				Interior Live Oak	*Quercus wislizeni*		8	54	25	3 Fair - Minor Problems	Located on floodplain a short distance from creek. No tag.	
255	590				Blue Oak	*Quercus douglasii*		46	54	45	3 Fair - Minor Problems	Tree should be located outside of polygon. Diameter estimated. No tag.	

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256	581				Interior Live Oak	Quercus wislizeni		8	58	15	3 Fair - Minor Problems	Located at edge of floodplain and slope in dense berries. No tag.	
257	582				Interior Live Oak	Quercus wislizeni	8,10,13	13	58	10	3 Fair - Minor Problems	Located edge of floodplain and slope the top is essentially block blown out of the tree. No tag.	
258	583				Pacific Willow	Salix lucida		17	58	25	3 Fair - Minor Problems	Located on floodplain adjacent to creek. No tag.	
2528	2528				Interior Live Oak	*Quercus wislizeni*		12	58	16	2 Extreme Structure or Health Problems	Leans west. Basal decay.	
5653	5653				Interior Live Oak	*Quercus wislizeni*		12	58	22	3 Fair - Minor Problems	Leans west.	
5657	5657				Interior Live Oak	*Quercus wislizeni*	8,9	9	58	19	3 Fair - Minor Problems	Forks at grade with weak attachment.	
5665	5665				Interior Live Oak	*Quercus wislizeni*	10,10,12	12	58	22	3 Fair - Minor Problems	Forks at grade with weak attachments.	
5671	5671				Interior Live Oak	*Quercus wislizeni*	6,8	8	54	16	3 Fair - Minor Problems		
5672	5672				Blue Oak	*Quercus douglasii*		13	54	23	3 Fair - Minor Problems		
5673	5673				Blue Oak	*Quercus douglasii*		15	54	18	3 Fair - Minor Problems		
5679	5679				Interior Live Oak	*Quercus wislizeni*		10	54	25	3 Fair - Minor Problems	Leans southeast.	
5686	5686				Interior Live Oak	*Quercus wislizeni*	5,7,8,10	10	58	19	3 Fair - Minor Problems	Forks at grade with weak attachments.	
5690	5690				Interior Live Oak	*Quercus wislizeni*		11	58	20	3 Fair - Minor Problems	Leans west.	
5691	5691				Interior Live Oak	*Quercus wislizeni*	6,8,9,14	14	58	27	2 Major Structure or Health Problems	Forks at grade. Old stump sprout.	
5699	5699				Interior Live Oak	*Quercus wislizeni*	9,13	13	58	26	2 Major Structure or Health Problems	Forks at grade with weak attachment. Some basal decay.	
5914	5914				Interior Live Oak	*Quercus wislizeni*	5,8,9,10	10	58	30	3 Fair - Minor Problems	Forks at grade with weak attachments. Larger stems lean northwest.	
5924	5924				Interior Live Oak	*Quercus wislizeni*	8,8	8	58	17	3 Fair - Minor Problems	Leans west.	
5933	5933				Interior Live Oak	*Quercus wislizeni*	3,4,5,7	7	58	19	3 Fair - Minor Problems	Forks at grade. Leans north.	
5934	5934				Interior Live Oak	*Quercus wislizeni*	4,4,6	6	58	16	3 Fair - Minor Problems		
5936	5936				Interior Live Oak	*Quercus wislizeni*		6	58	17	3 Fair - Minor Problems	Leans west.	
5938	5938				Interior Live Oak	*Quercus wislizeni*	8,13	13	58	28	3 Fair - Minor Problems	Forks at grade. One-sided north.	
5942	5942				Interior Live Oak	*Quercus wislizeni*	6,7,8,8,11	13	58	27	3 Fair - Minor Problems	Forks at grade with weak attachments. Above average amount of deadwood.	
5958	5958				Interior Live Oak	*Quercus wislizeni*		8	58	27	3 Fair - Minor Problems	One-sided/out of balance west.	
5959	5959				Interior Live Oak	*Quercus wislizeni*		8	58	17	3 Fair - Minor Problems		
5960	5960				Interior Live Oak	*Quercus wislizeni*		13	58	29	3 Fair - Minor Problems	Out of balance/one-sided west.	
5984	5984				Interior Live Oak	*Quercus wislizeni*	8,8	8	58	13	3 Fair - Minor Problems	Leans northeast.	
6997	6997				Interior Live Oak	*Quercus wislizeni*		7	58	25	3 Fair - Minor Problems	Leans west.	
7431	7431				Interior Live Oak	*Quercus wislizeni*		13	58	15	3 Fair - Minor Problems	Suppressed north.	
7474	7474	7574a			Interior Live Oak	*Quercus wislizeni*		12	6	10	2 Extreme Structure or Health Problems	Codominant at base. Leans west 45 degrees.	
7501	7501				Interior Live Oak	*Quercus wislizeni*		20	58	30	2 Extreme Structure or Health Problems	Low codominant broken leaders.	
7502	7502				Interior Live Oak	*Quercus wislizeni*		11	54	16	2 Extreme Structure or Health Problems	Under failed stem. Bent to ground.	

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7503	7503				Interior Live Oak	*Quercus wislizeni*		6	54	14	1 Extreme Structure or Health Problems	Leans to creek.	
7504	7504				Interior Live Oak	*Quercus wislizeni*		6	54	9	3 Fair - Minor Problems	Codominant 42 inches. Dead smaller leader.	
7505	7505				Interior Live Oak	*Quercus wislizeni*	10,13,19,28	28	54	35	2 Major Structure or Health Problems	Basal decay.	
7506	7506				Interior Live Oak	*Quercus wislizeni*		15	54	15	1 Extreme Structure or Health Problems	Failed but still alive.	
7507	7507				Interior Live Oak	*Quercus wislizeni*		6	54	8	1 Extreme Structure or Health Problems	Leans north. Suppressed next to failed tree.	
7508	7508				Interior Live Oak	*Quercus wislizeni*		17	54	24	3 Fair - Minor Problems	Leans north.	
7509	7509				Interior Live Oak	*Quercus wislizeni*		8	54	11	1 Extreme Structure or Health Problems	Leans southwest 90 degrees.	
7510	7510				Interior Live Oak	*Quercus wislizeni*	12,13,19,20,28	28	54	24	2 Major Structure or Health Problems	Basal sprouts around stump.	
7511	7511				Interior Live Oak	*Quercus wislizeni*		12	54	18	1 Extreme Structure or Health Problems	Leaning southwest 90 degrees. Basal decay.	
7512	7512				Interior Live Oak	*Quercus wislizeni*	5,8,7	7	54	10	1 Extreme Structure or Health Problems		
7513	7513				Interior Live Oak	*Quercus wislizeni*	7,11,11,19	19	54	21	1 Extreme Structure or Health Problems		
7514	7514				Interior Live Oak	*Quercus wislizeni*		8	54	10	1 Extreme Structure or Health Problems	Basal decay.	
7515	7515				Interior Live Oak	*Quercus wislizeni*	7,13	13	54	10	3 Fair - Minor Problems		
7516	7516				Interior Live Oak	*Quercus wislizeni*		10	54	16	3 Fair - Minor Problems	Vertical.	
7517	7517				Valley Oak	*Quercus lobata*		33	54	49	3 Fair - Minor Problems	Leans southwest.	
7518	7518				Interior Live Oak	*Quercus wislizeni*		16	54	12	3 Fair - Minor Problems	Leans west.	
7519	7519				Interior Live Oak	*Quercus wislizeni*		9	54	6	1 Extreme Structure or Health Problems	Basal decay.	
7520	7520				Interior Live Oak	*Quercus wislizeni*		9	54	10	3 Fair - Minor Problems	Leans southwest.	
7521	7521				Valley Oak	*Quercus lobata*		6	54	11	2 Major Structure or Health Problems	Suppressed south.	
7522	7522				Valley Oak	*Quercus lobata*		13	54	20	3 Fair - Minor Problems	Vertical.	
7523	7523				Valley Oak	*Quercus lobata*		39	6	32	3 Fair - Minor Problems	Codominant at 18 inches.	
7524	7524				Interior Live Oak	*Quercus wislizeni*		18	54	10	2 Major Structure or Health Problems	3 stems, 1 broke, decay.	
7525	7525				Interior Live Oak	*Quercus wislizeni*		24	54	26	1 Extreme Structure or Health Problems	Basal decay north, 2 leaders.	
7526	7526				Interior Live Oak	*Quercus wislizeni*		7	36	12	3 Fair - Minor Problems	Low suppressed growth.	
7527	7527				Interior Live Oak	*Quercus wislizeni*		16	54	15	1 Extreme Structure or Health Problems	2 stems at 12", basal decay	

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7529	7529				Interior Live Oak	*Quercus wislizeni*	13,13	13	30	20	2 Major Structure or Health Problems	2 stems at base with basal decay.	
7530	7530				Interior Live Oak	*Quercus wislizeni*		11	54	14	2 Major Structure or Health Problems	Suppressed north.	
7531	7531	7531a			Interior Live Oak	*Quercus wislizeni*		12	54	13	3 Fair - Minor Problems	No tag. Located in poison oak next to Tree 7531.	
7532	7532				Interior Live Oak	*Quercus wislizeni*		12	54	15	3 Fair - Minor Problems	Suppressed southwest.	
7533	7533				Interior Live Oak	*Quercus wislizeni*	10,13,22	22	32	29	2 Major Structure or Health Problems	3 stems at base. Basal decay.	
7534	7534				Interior Live Oak	*Quercus wislizeni*	13,17	17	32	20	2 Major Structure or Health Problems	2 stems at base. Leans north.	
7535	7535				Interior Live Oak	*Quercus wislizeni*		10	54	8	2 Major Structure or Health Problems	Basal decay. Leans east.	
7536	7536				Interior Live Oak	*Quercus wislizeni*	8,11,15,18	18	38	22	2 Major Structure or Health Problems	4 stems at base. Basal decay.	
7537	7537				Valley Oak	*Quercus lobata*		15	54	18	3 Fair - Minor Problems	Suppressed southeast.	
7538	7538				Interior Live Oak	*Quercus wislizeni*		9	54	16	3 Fair - Minor Problems	Suppressed north.	
7539	7539				Blue Oak	*Quercus douglasii*		7	54	12	3 Fair - Minor Problems	Vertical.	
7540	7540				Blue Oak	*Quercus douglasii*		10	54	16	3 Fair - Minor Problems	Mostly crown south.	
7541	7541				Blue Oak	*Quercus douglasii*		7	54	11	3 Fair - Minor Problems	Leans west.	
7542	7542				Interior Live Oak	*Quercus wislizeni*	12,16	16	30	21	3 Fair - Minor Problems	2 stems at base. Leans southwest.	
7543	7543				Interior Live Oak	*Quercus wislizeni*	6,7,12	12	54	18	3 Fair - Minor Problems	3 codominant stems at base.	
7544	7544				Interior Live Oak	*Quercus wislizeni*	12,13	12	54	18	3 Fair - Minor Problems	2 stems at base. Next to Tree 7545.	
7545	7545				Interior Live Oak	*Quercus wislizeni*		10	36	16	1 Extreme Structure or Health Problems	Leans southwest. Suppressed.	
7546	7546				Interior Live Oak	*Quercus wislizeni*		13	54	17	3 Fair - Minor Problems	Vertical.	
7547	7547				Interior Live Oak	*Quercus wislizeni*		7	54	11	1 Extreme Structure or Health Problems	Leans east.	
7548	7548				Interior Live Oak	*Quercus wislizeni*		13	54	15	3 Fair - Minor Problems	Leans southeast.	
7549	7549				Interior Live Oak	*Quercus wislizeni*		13	54	21	3 Fair - Minor Problems	Leans north. 2 stumps at base.	
7550	7550				Blue Oak	*Quercus douglasii*		6	54	11	3 Fair - Minor Problems	Vertical slight lean south.	
7551	7551				Blue Oak	*Quercus douglasii*		6	54	10	3 Fair - Minor Problems	Vertical.	
7552	7552				Blue Oak	*Quercus douglasii*		13	54	17	3 Fair - Minor Problems	Leans west.	
7553	7553				Blue Oak	*Quercus douglasii*		8	54	11	3 Fair - Minor Problems	Leans south.	
7554	7554				Blue Oak	*Quercus douglasii*		7	54	9	3 Fair - Minor Problems	Leans south.	
7555	7555				Blue Oak	*Quercus douglasii*		6	54	10	3 Fair - Minor Problems	Crown mostly south.	
7556	7556				Interior Live Oak	*Quercus wislizeni*		6	38	9	3 Fair - Minor Problems	Codominant at 24 inches.	
7557	7557				Interior Live Oak	*Quercus wislizeni*		11	32	19	2 Major Structure or Health Problems	Codominant at 36 inches.	
7558	7558				Interior Live Oak	*Quercus wislizeni*		8	54	8	1 Extreme Structure or Health Problems	Suppressed northwest.	

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7559	7559				Interior Live Oak	*Quercus wislizeni*		23	24	37	3 Fair - Minor Problems	Low south lateral crown to south.	
7560	7560				Blue Oak	*Quercus douglasii*		8	54	14	3 Fair - Minor Problems	Vertical.	
7561	7561				Interior Live Oak	*Quercus wislizeni*		6	54	5	1 Extreme Structure or Health Problems	Dying.	
7562	7562				Interior Live Oak	*Quercus wislizeni*		84	6	42	1 Extreme Structure or Health Problems	18 stems from base. Extensive basal decay.	
7563	7563				Interior Live Oak	*Quercus wislizeni*	16,20	20	54	31	3 Fair - Minor Problems	2 stems at base. Leans north.	
7564	7564				Interior Live Oak	*Quercus wislizeni*		18	54	19	3 Fair - Minor Problems	Vertical. Barbed-wire on trunk.	
7565	7565				Interior Live Oak	*Quercus wislizeni*		24	6	26	3 Fair - Minor Problems	Codominant at base. Larger vertical unaller leans west.	
7566	7566				Blue Oak	*Quercus douglasii*		30	6	28	3 Fair - Minor Problems	Codominant at 36 inches.	
7567	7567				Interior Live Oak	*Quercus wislizeni*		23	54	26	3 Fair - Minor Problems	Vertical. Crown mostly east.	
7568	7568				Interior Live Oak	*Quercus wislizeni*		23	6	22	2 Major Structure or Health Problems	Low west lateral at base with included bark.	
7569	7569				Interior Live Oak	*Quercus wislizeni*		8	54	12	1 Extreme Structure or Health Problems	Severe lean 45 degrees southwest.	
7570	7570				Interior Live Oak	*Quercus wislizeni*		10	42	14	1 Extreme Structure or Health Problems	Leans west 45 degrees.	
7571	7571				Interior Live Oak	*Quercus wislizeni*	9,10	10	54	13	1 Extreme Structure or Health Problems	2 stems at base with included bark. Leans northwest.	
7572	7572				Interior Live Oak	*Quercus wislizeni*		9	54	12	1 Extreme Structure or Health Problems	2 stems at base. Leans 70 degrees.	
7573	7573				Interior Live Oak	*Quercus wislizeni*		8	54	7	1 Extreme Structure or Health Problems	Leans 45 degrees west.	
7574	7574				Interior Live Oak	*Quercus wislizeni*		6	36	5	1 Extreme Structure or Health Problems	Leans 45 degrees west.	
7575	7575				Interior Live Oak	*Quercus wislizeni*		28	6	27	2 Major Structure or Health Problems	Three codominants at base. Leans west.	
7576	7576				Interior Live Oak	*Quercus wislizeni*		16	54	19	1 Extreme Structure or Health Problems	Codominant at 18 inches. 2 dead leaders. Leans south and east.	
7577	7577				Interior Live Oak	*Quercus wislizeni*		16	54	15	2 Major Structure or Health Problems	One sided canopy	
7578	7578				Interior Live Oak	*Quercus wislizeni*		20	54	19	2 Major Structure or Health Problems	Cavity at base. Codominant at 6 feet.	
7579	7579				Valley Oak	*Quercus lobata*		22	54	26	3 Fair - Minor Problems	Lean with connection in upper canopy	
7580	7580				Interior Live Oak	*Quercus wislizeni*		8	54	9	2 Major Structure or Health Problems	Decay pockets at base.	
7581	7581				Interior Live Oak	*Quercus wislizeni*		6	54	5	1 Extreme Structure or Health Problems	Or tape or dead at top	
7582	7582				Interior Live Oak	*Quercus wislizeni*		11	54	11	3 Fair - Minor Problems	Understory top buzz.	

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7583	7583				Interior Live Oak	*Quercus wislizeni*		7	54	6	2 Major Structure or Health Problems	Poor taper. Fair vigor.	
7584	7584				Interior Live Oak	*Quercus wislizeni*	7,13,18,24	24	54	28	2 Major Structure or Health Problems	Growing over a rock. Dominant, poor connection between main stem, most stems overextended.	
7585	7585				Interior Live Oak	*Quercus wislizeni*		12	54	13	2 Major Structure or Health Problems	Wrapped in poison oak with decay pocket at 6 feet.	
7586	7586				Blue Oak	*Quercus douglasii*		9	54	12	3 Fair - Minor Problems	Poor taper. Epicormic growth. Poor canopy.	
7587	7587				Interior Live Oak	*Quercus wislizeni*		9	54	9	1 Extreme Structure or Health Problems	Missing top deadwood on main stem below 8 feet.	
7588	7588				Interior Live Oak	*Quercus wislizeni*		7	54	6	2 Major Structure or Health Problems	Poor structure understory.	
7589	7589				Interior Live Oak	*Quercus wislizeni*		9	54	8	3 Fair - Minor Problems	Poor ground lead stems. Base.	
7590	7590				Interior Live Oak	*Quercus wislizeni*		10	54	9	2 Major Structure or Health Problems	Poor structure understory.	
7591	7591				Interior Live Oak	*Quercus wislizeni*		11	54	11	2 Major Structure or Health Problems	Poor structure understory.	
7592	7592				Interior Live Oak	*Quercus wislizeni*		22	54	20	2 Major Structure or Health Problems	Cavity at 5 Feet to north. Significant lean.	
7593	7593				Interior Live Oak	*Quercus wislizeni*		8	54	7	1 Extreme Structure or Health Problems	Poor taper. Poor structure understory.	
7594	7594				Interior Live Oak	*Quercus wislizeni*		10	54	12	3 Fair - Minor Problems	Poor taper.	
7595	7595				Interior Live Oak	*Quercus wislizeni*		7	54	8	1 Extreme Structure or Health Problems	Understory poor taper. Large failures.	
7596	7596				Interior Live Oak	*Quercus wislizeni*		10	54	9	3 Fair - Minor Problems	Mid canopy bow.	
7597	7597				Interior Live Oak	*Quercus wislizeni*		6	54	5	3 Fair - Minor Problems		
7598	7598				Interior Live Oak	*Quercus wislizeni*		6	54	6	3 Fair - Minor Problems		
7599	7599				Interior Live Oak	*Quercus wislizeni*		12	54	13	3 Fair - Minor Problems		
7600	7600				Interior Live Oak	*Quercus wislizeni*		11	54	10	3 Fair - Minor Problems	Fair to poor crown ratio.	
7601	7601				Interior Live Oak	*Quercus wislizeni*		15	54	17	3 Fair - Minor Problems		
7602	7602				Interior Live Oak	*Quercus wislizeni*		16	54	15	3 Fair - Minor Problems		
7603	7603				Interior Live Oak	*Quercus wislizeni*		9	54	10	1 Extreme Structure or Health Problems	Edge of bank. 50% dead.	
7609	7609				California Buckeye	*Aesculus californica*		6	54	7	3 Fair - Minor Problems	Next to Tree 7603.	
7610	7610				Red Willow	*Salix laevigata*		6	54	8	1 Extreme Structure or Health Problems	Single stem is mostly dead with resprouting.	
7611	7611				Interior Live Oak	*Quercus wislizeni*		20	54	21	3 Fair - Minor Problems	Kink at base.	
7612	7612				Blue Oak	*Quercus douglasii*		8	54	6	3 Fair - Minor Problems	Suppressed at top.	
7613	7613				Interior Live Oak	*Quercus wislizeni*		6	54	5	3 Fair - Minor Problems	Understory structure for taper.	
7614	7614				Interior Live Oak	*Quercus wislizeni*	8,7	7	54	6	1 Extreme Structure or Health Problems	Too much decay and deadwood.	

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7615	7615				Interior Live Oak	*Quercus wislizeni*		8	54	6	3 Fair - Minor Problems		
7616	7616				Interior Live Oak	*Quercus wislizeni*	7,8	8	54	8	2 Major Structure or Health Problems	Poor structure. Significant lean.	
7617	7617				Interior Live Oak	*Quercus wislizeni*		13	54	11	1 Extreme Structure or Health Problems	Too much decay and main stem.	
7618	7618				Interior Live Oak	*Quercus wislizeni*		28	24	24	2 Major Structure or Health Problems	Extirpated. Wrapped in poison oak. Past structure some large failures and in deadwood.	
7619	7619				White Alder	*Alnus rhombifolia*		22	54	18	3 Fair - Minor Problems	Near edge of swales.	
7620	7620				Interior Live Oak	*Quercus wislizeni*		13	54	12	3 Fair - Minor Problems	Leans. Some deadwood.	
7621	7621				Interior Live Oak	*Quercus wislizeni*		14	54	15	2 Major Structure or Health Problems	Two dead 6-inch stems attached. Lean with bow at top.	
7622	7622				Interior Live Oak	*Quercus wislizeni*		22	54	20	2 Major Structure or Health Problems	Rock at base. Surrounded by poison oak. Moderate lean.	
7623	7623				Interior Live Oak	*Quercus wislizeni*	12,12,14	14	54	14	3 Fair - Minor Problems	Pat on at 2 feet in the 3 stems.	
7624	7624				Interior Live Oak	*Quercus wislizeni*		17	54	17	2 Major Structure or Health Problems	Two dead 3 inch stems. Rock at base. Fair to poor structure.	
7625	7625				Interior Live Oak	*Quercus wislizeni*		7	54	6	1 Extreme Structure or Health Problems	Dead at top. Second tree also failed at top.	
7626	7626				Blue Oak	*Quercus douglasii*		14	54	13	3 Fair - Minor Problems	Extirpated. Poison oak. Minor lean.	
7627	7627				Interior Live Oak	*Quercus wislizeni*		7	54	7	1 Extreme Structure or Health Problems		
7628	7628				Interior Live Oak	*Quercus wislizeni*		10	54	9	3 Fair - Minor Problems	Poison oak below 3 feet.	
7629	7629				Interior Live Oak	*Quercus wislizeni*	7,8,10	10	54	12	3 Fair - Minor Problems	Base over.	
7630	7630				Interior Live Oak	*Quercus wislizeni*	10,15	15	54	17	2 Major Structure or Health Problems	Extirpated. Hit by fallen branches. Significant lean.	
7631	7631				Interior Live Oak	*Quercus wislizeni*		7	54	6	1 Extreme Structure or Health Problems	Hit by fallen tree.	
7632	7632				Interior Live Oak	*Quercus wislizeni*		14	54	14	1 Extreme Structure or Health Problems	Hit by fallen tree. Mostly dead on top.	
7633	7633				Interior Live Oak	*Quercus wislizeni*	9,10,13	13	54	12	1 Extreme Structure or Health Problems	Broken top overextended.	
7634	7634				Interior Live Oak	*Quercus wislizeni*		13	54	15	1 Extreme Structure or Health Problems	Two dead stems remaining. Poor taper. Poor crown ratio. Surrounded by poison oak.	
7635	7635				Interior Live Oak	*Quercus wislizeni*		16	54	11	1 Extreme Structure or Health Problems	Larger stem snapped at 12 feet. Remaining stem significantly declining.	
7636	7636				Interior Live Oak	*Quercus wislizeni*		7	54	8	3 Fair - Minor Problems	Poor top from suppression.	
7637	7637				Blue Oak	*Quercus douglasii*		12	54	14	3 Fair - Minor Problems	Poor crown ratio.	
7638	7638				Interior Live Oak	*Quercus wislizeni*		13	54	12	2 Major Structure or Health Problems	Poor structure from suppression.	
7639	7639				Blue Oak	*Quercus douglasii*		8	54	8	3 Fair - Minor Problems	Poor structure from suppression.	

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7640	7640				Blue Oak	*Quercus douglasii*		12	54	14	3 Fair - Minor Problems		
7641	7641				Interior Live Oak	*Quercus wislizeni*		13	54	14	3 Fair - Minor Problems		
7642	7642				Interior Live Oak	*Quercus wislizeni*		17	54	19	2 Major Structure or Health Problems	on the knoll deadwood in crotch large failure	
7643	7643				Blue Oak	*Quercus douglasii*	13,14	14	54	15	3 Fair - Minor Problems		
7644	7644				Interior Live Oak	*Quercus wislizeni*	8,10	10	54	10	2 Major Structure or Health Problems	Stump sprout.	
7645	7645				Interior Live Oak	*Quercus wislizeni*		7	54	8	1 Extreme Structure or Health Problems		
7646	7646				Blue Oak	*Quercus douglasii*		10	54	10	3 Fair - Minor Problems	Estimated. Wrapped in poison oak.	
7647	7647				Blue Oak	*Quercus douglasii*		8	54	7	3 Fair - Minor Problems		
7648	7648				Interior Live Oak	*Quercus wislizeni*		9	54	8	1 Extreme Structure or Health Problems		
7649	7649				Blue Oak	*Quercus douglasii*		13	54	14	3 Fair - Minor Problems		
7650	7650				Interior Live Oak	*Quercus wislizeni*	9,13	13	54	14	3 Fair - Minor Problems	Surrounded by poison oak and berries and vines.	
7651	7651				Interior Live Oak	*Quercus wislizeni*		17	54	25	2 Major Structure or Health Problems	Estimated. Surrounded by blackberries. 8-inch dead stem attached at 2 feet.	
7652	7652				White Alder	*Alnus rhombifolia*		8	54	12	3 Fair - Minor Problems	First tree and last list	
7653	7653				Interior Live Oak	*Quercus wislizeni*		7	54	9	3 Fair - Minor Problems		
7654	7654				Interior Live Oak	*Quercus wislizeni*	10,17	17	54	20	3 Fair - Minor Problems	Smaller stem dead top.	
7655	7655				Interior Live Oak	*Quercus wislizeni*		7	54	4	1 Extreme Structure or Health Problems	Mostly dead, Conks on main trunk	
7656	7656				Interior Live Oak	*Quercus wislizeni*		6	6	6	3 Fair - Minor Problems		
7657	7657				Interior Live Oak	*Quercus wislizeni*		12	6	11	3 Fair - Minor Problems		
7658	7658				Interior Live Oak	*Quercus wislizeni*		12	54	13	1 Extreme Structure or Health Problems	Too much decay and main stem poor structure.	
7659	7659				Interior Live Oak	*Quercus wislizeni*		6	6	6	3 Fair - Minor Problems		
7660	7660				Interior Live Oak	*Quercus wislizeni*		7	24	9	3 Fair - Minor Problems		
7661	7661				Blue Oak	*Quercus douglasii*		10	54	12	3 Fair - Minor Problems		
7662	7662				Blue Oak	*Quercus douglasii*		8	54	8	3 Fair - Minor Problems	Understory structure at top.	
7663	7663				Interior Live Oak	*Quercus wislizeni*		6	30	7	3 Fair - Minor Problems		
7664	7664				Blue Oak	*Quercus douglasii*	7,10	10	54	11	3 Fair - Minor Problems		
7665	7665				Blue Oak	*Quercus douglasii*		7	54	9	3 Fair - Minor Problems		
7666	7666				Blue Oak	*Quercus douglasii*		7	54	8	1 Extreme Structure or Health Problems		
7667	7667				Interior Live Oak	*Quercus wislizeni*		15	54	18	1 Extreme Structure or Health Problems		
7668	7668				Blue Oak	*Quercus douglasii*		9	54	11	3 Fair - Minor Problems	Wrapped in poison oak.	
7669	7669				Interior Live Oak	*Quercus wislizeni*		15	54	15	3 Fair - Minor Problems		
7670	7670				Pacific Willow	*Salix lucida*		8	54	11	3 Fair - Minor Problems	Prostrate across the ground from creekbank.	

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7671	3671				Interior Live Oak	Quercus wislizeni		6	54	5	3 Fair - Minor Problems		
7672	3672				Interior Live Oak	Quercus wislizeni		16	54	15	3 Fair - Minor Problems	Surrounded by poison oak.	
7673	3673				California Buckeye	Aesculus californica		10	12	12	3 Fair - Minor Problems		
7674	3674				Blue Oak	Quercus douglasii		15	54	13	3 Fair - Minor Problems		
7675	3675				Interior Live Oak	Quercus wislizeni		8	54	10	3 Fair - Minor Problems		
7676	3676				Interior Live Oak	Quercus wislizeni		7	54	8	3 Fair - Minor Problems		
7677	3677				Blue Oak	Quercus douglasii		8	54	8	3 Fair - Minor Problems		
7678	3678				Blue Oak	Quercus douglasii		8	54	9	3 Fair - Minor Problems		
7679	3679				Interior Live Oak	Quercus wislizeni		7	54	8	1 Extreme Structure or Health Problems	Crack in main stem.	
7680	3680				Blue Oak	Quercus douglasii		12	54	12	3 Fair - Minor Problems		
7681	3681				Interior Live Oak	Quercus wislizeni		15	54	14	3 Fair - Minor Problems		
7682	3682				Interior Live Oak	Quercus wislizeni		11	54	11	3 Fair - Minor Problems		
7683	3683				Interior Live Oak	Quercus wislizeni		16	12	17	3 Fair - Minor Problems		
7684	7684				Blue Oak	*Quercus douglasii*		12	54	13	3 Fair - Minor Problems		
7685	7685				Blue Oak	*Quercus douglasii*		13	54	12	3 Fair - Minor Problems	Attached to last at base.	
7686	7686				Blue Oak	*Quercus douglasii*		8	54	10	3 Fair - Minor Problems		
7687	7687				Blue Oak	*Quercus douglasii*		12	54	15	3 Fair - Minor Problems	Estimated. Poison oak.	
7688	7688				Interior Live Oak	*Quercus wislizeni*		7	54	10	1 Extreme Structure or Health Problems		
7689	3689				Blue Oak	Quercus douglasii		10	54	14	3 Fair - Minor Problems	Very poor taper.	
7690	3690				Foothill Pine	*Pinus sabiniana*		35	54	29	1 Extreme Structure or Health Problems	Duplicate for tag number	
7691	3691				Interior Live Oak	Quercus wislizeni		6	24	7	1 Extreme Structure or Health Problems	Next to Foothill Pine.	
7701	7701				Blue Oak	Quercus douglasii		15	54	15	1 Extreme Structure or Health Problems	Too much camber below 15 feet.	
7702	7702				Valley Oak	Quercus lobata		6	54	6	2 Major Structure or Health Problems	Main stem failure and dogleg.	
7703	7703				Interior Live Oak	Quercus wislizeni	15,22	22	54	35	2 Major Structure or Health Problems	South stem failed at 10 feet, North stem has codominant failure 10 feet from trunk on lowest limb west.	
7704	7704				Foothill Pine	*Pinus sabiniana*		18	54	30	3 Fair - Minor Problems	Good structure for species.	
7705	7705				Interior Live Oak	Quercus wislizeni	4,7	7	54	15	1 Extreme Structure or Health Problems		
7706	7706				Interior Live Oak	*Quercus wislizeni*	7,13	13	54	19	3 Fair - Minor Problems		
7707	7707				Interior Live Oak	*Quercus wislizeni*		8	54	15	3 Fair - Minor Problems		
7708	7708				Interior Live Oak	*Quercus wislizeni*		8	54	15	1 Extreme Structure or Health Problems		
7709	7709				Interior Live Oak	*Quercus wislizeni*		12	54	15	3 Fair - Minor Problems	Abnormal below to feet with included bark. Codominant at 7 feet. Fair to poor canopy.	

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7710	7710				Interior Live Oak	*Quercus wislizeni*		9	54	30	3 Fair - Minor Problems	Down over creek.	
7711	7711				Interior Live Oak	*Quercus wislizeni*		13	54	25	2 Major Structure or Health Problems	Leans with cavity.	
7712	7712				Blue Oak	*Quercus douglasii*		9	54	10	3 Fair - Minor Problems		
7713	7713				Blue Oak	*Quercus douglasii*		11	54	15	3 Fair - Minor Problems		
7714	7714				Interior Live Oak	*Quercus wislizeni*	4,6,7,10	10	54	15	3 Fair - Minor Problems		
7715	7715				Interior Live Oak	*Quercus wislizeni*		11	54	15	3 Fair - Minor Problems		
7717	7717				Interior Live Oak	*Quercus wislizeni*	5,6	6	54	15	3 Fair - Minor Problems		
7718	7718				Interior Live Oak	*Quercus wislizeni*	6,8,10	10	54	20	3 Fair - Minor Problems		
7719	7719				Interior Live Oak	*Quercus wislizeni*		6	54	10	3 Fair - Minor Problems		
7720	7720				Interior Live Oak	*Quercus wislizeni*	4,4	4	54	12	3 Fair - Minor Problems	Two stems at base.	
7721	7721				Interior Live Oak	*Quercus wislizeni*		6	54	15	3 Fair - Minor Problems		
7722	7722				Interior Live Oak	*Quercus wislizeni*		10	54	10	1 Extreme Structure or Health Problems	Trunk decay.	
7723	7723				Valley Oak	*Quercus lobata*		23	54	30	3 Fair - Minor Problems	Power pole cable secured to tree let out less than 1 foot	
7724	7724				Blue Oak	*Quercus douglasii*		23	54	30	3 Fair - Minor Problems	Rope and cable around trunk at 3 feet.	
7725	7725				California Buckeye	*Aesculus californica*	4,5	5	54	10	3 Fair - Minor Problems	Understory with poison oak on top.	
7726	7728				Sandbar Willow	*Salix exigua Nutt.*		6	54	9	1 Extreme Structure or Health Problems	Broken and failed onto ground.	
7729	7729				Sandbar Willow	*Salix exigua Nutt.*		8	54	12	2 Major Structure or Health Problems	Main trunk recently cut by PG&E lower lateral at 18 inch is growing across the creek still alive.	
7730	7730				Interior Live Oak	*Quercus wislizeni*		6	54	8	1 Extreme Structure or Health Problems	Sprout off decaying stump.	
7731	7731				Interior Live Oak	*Quercus wislizeni*		6	54	8	1 Extreme Structure or Health Problems	Sprout off decaying stump.	
7732	7732				Blue Oak	*Quercus douglasii*		7	54	8	3 Fair - Minor Problems		
7733	7733				Interior Live Oak	*Quercus wislizeni*		8	54	8	2 Major Structure or Health Problems	Hit by fallen tree. Poor structure.	
7734	7734				Blue Oak	*Quercus douglasii*		8	54	15	3 Fair - Minor Problems		
7735	7735				Interior Live Oak	*Quercus wislizeni*		12	36	18	1 Extreme Structure or Health Problems	Basal decay and large deadwood.	
7736	7736				Interior Live Oak	*Quercus wislizeni*		27	54	30	2 Major Structure or Health Problems	Basal decay.	
7737	7737				Interior Live Oak	*Quercus wislizeni*		12	54	20	3 Fair - Minor Problems		
7738	7738				Interior Live Oak	*Quercus wislizeni*		12	54	20	3 Fair - Minor Problems		
7739	7739				Interior Live Oak	*Quercus wislizeni*		22	24	35	3 Fair - Minor Problems	Moderate lean with decay.	
7740	7740				Interior Live Oak	*Quercus wislizeni*		17	38	35	2 Major Structure or Health Problems	Moderate lean with decay.	
7741	7741				Interior Live Oak	*Quercus wislizeni*		6	54	8	2 Major Structure or Health Problems	Significant dieback for crown ratio.	

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7740	7742				Interior Live Oak	*Quercus wislizeni*		13	54	30	1 Extreme Structure or Health Problems	Significantly top broke out at 15 feet.	
7741	7743				California Buckeye	*Aesculus californica*	3,4,6	4	54	10	3 Fair - Minor Problems		
7744	7744				Interior Live Oak	*Quercus wislizeni*		7	54	30	2 Major Structure or Health Problems	Broken top.	
7745	7745				Interior Live Oak	*Quercus wislizeni*	18,25	25	54	40	1 Extreme Structure or Health Problems	Cavity between stems chunked decay. Large failure in south stem at 15 feet.	
7746	7746				California Buckeye	*Aesculus californica*	3,4,6	4	54	15	3 Fair - Minor Problems		
7747	7747				Interior Live Oak	*Quercus wislizeni*		6	54	15	3 Fair - Minor Problems	One-sided lean.	
7748	7748				Interior Live Oak	*Quercus wislizeni*		10	54	15	3 Fair - Minor Problems	Leans.	
7749	7749				Interior Live Oak	*Quercus wislizeni*		8	54	15	3 Fair - Minor Problems		
7750	7750				Pacific Willow	*Salix lucida*		20	54	30	3 Fair - Minor Problems		
7751	7751				Pacific Willow	*Salix lucida*		6	54	30	3 Fair - Minor Problems		
7752	7752				Pacific Willow	*Salix lucida*		7	54	30	3 Fair - Minor Problems		
7753	7753				Blue Oak	*Quercus douglasii*		14	54	30	3 Fair - Minor Problems		
7754	7754				Interior Live Oak	*Quercus wislizeni*		7	54	15	3 Fair - Minor Problems		
7755	7755				Interior Live Oak	*Quercus wislizeni*	5,6	6	54	20	3 Fair - Minor Problems		
7756	7756				Interior Live Oak	*Quercus wislizeni*		46	54	45	2 Major Structure or Health Problems	Large failures in north codominant. Remaining codominant at 10 feet west stem. Significant lean.	
7757	7757				Interior Live Oak	*Quercus wislizeni*		14	54	20	3 Fair - Minor Problems		
7758	7758				Interior Live Oak	*Quercus wislizeni*		12	54	25	3 Fair - Minor Problems		
7759	7759				Interior Live Oak	*Quercus wislizeni*		7	54	25	3 Fair - Minor Problems		
7760	7760				Interior Live Oak	*Quercus wislizeni*		8	54	20	3 Fair - Minor Problems		
7762	7762				Interior Live Oak	*Quercus wislizeni*		6	54	20	1 Extreme Structure or Health Problems	Prostrate.	
7763	7763				Interior Live Oak	*Quercus wislizeni*		14	54	25	2 Major Structure or Health Problems	Understory structure decay at base.	
7764	7764				Interior Live Oak	*Quercus wislizeni*		15	54	30	3 Fair - Minor Problems		
7765	7765				Pacific Willow	*Salix lucida*	15,17	17	54	25	3 Fair - Minor Problems	Codominant at 12 inches.	
7766	7766				Pacific Willow	*Salix lucida*		10	54	7	3 Fair - Minor Problems		
7767	7767				Pacific Willow	*Salix lucida*		12	54	7	3 Fair - Minor Problems		
8001	8001				Interior Live Oak	*Quercus wislizeni*		17	54	35	2 Major Structure or Health Problems	Out of balance west. Above average amount of deadwood.	
8002	8002				Blue Oak	*Quercus douglasii*		18	54	25	3 Fair - Minor Problems		
8003	8003				Blue Oak	*Quercus douglasii*		20	54	27	3 Fair - Minor Problems		
8004	8004				Interior Live Oak	*Quercus wislizeni*		6	54	21	3 Fair - Minor Problems		
8005	8005				Interior Live Oak	*Quercus wislizeni*	6,8,11,13	13	54	27	3 Fair - Minor Problems	Forks at grade. Weak attachements. No tag. Same for previous tree. No tag.	
8006	8006				Blue Oak	*Quercus douglasii*		8	54	8	3 Fair - Minor Problems		
8021	8021				Blue Oak	*Quercus douglasii*		6	54	15	3 Fair - Minor Problems		

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8032	8032				Blue Oak	*Quercus douglasii*		18	54	25	3 Fair - Minor Problems		
8033	8033				Valley Oak	*Quercus lobata*		14	54	22	3 Fair - Minor Problems		
8034	8034				Valley Oak	*Quercus lobata*		54	54	31	2 Major Structure or Health Problems	Basal trunk cavity west side. Above average amount of deadwood.	
8035	8035				Interior Live Oak	*Quercus wislizeni*		7	54	15	3 Fair - Minor Problems		
8026	8025				Interior Live Oak	*Quercus wislizeni*		7	54	16	3 Fair - Minor Problems		
8027	8027				Interior Live Oak	*Quercus wislizeni*		6	54	13	3 Fair - Minor Problems		
8028	8028				Interior Live Oak	*Quercus wislizeni*		13	54	20	3 Fair - Minor Problems		
8029	8029				Interior Live Oak	*Quercus wislizeni*	10,12	12	54	15	3 Fair - Minor Problems		
8030	8030				Interior Live Oak	*Quercus wislizeni*	6,7,11	11	54	16	3 Fair - Minor Problems	Forks at grade with weak attachment. Above average amount of deadwood.	
8031	8031				Blue Oak	*Quercus douglasii*		12	54	31	3 Fair - Minor Problems		
8033	8033				Blue Oak	*Quercus douglasii*		17	54	24	2 Major Structure or Health Problems	Lower trunk wound/cavity with interior decay trunk has a crooked just above that point.	
8034	8034				Interior Live Oak	*Quercus wislizeni*		7	54	12	3 Fair - Minor Problems		
8035	8035				Interior Live Oak	*Quercus wislizeni*	6,6	6	54	12	3 Fair - Minor Problems	Forks at grade.	
8036	8036				Interior Live Oak	*Quercus wislizeni*	3,4,5,5,7	7	54	17	3 Fair - Minor Problems	Forks at grade with weak attachments.	
8037	8037				Interior Live Oak	*Quercus wislizeni*	7,8	8	54	21	3 Fair - Minor Problems	Forks at grade. One stem horizontal west.	
8038	8038				Interior Live Oak	*Quercus wislizeni*	7,8	8	54	23	3 Fair - Minor Problems	Forks at grade.	
8039	8039				Valley Oak	*Quercus lobata*		6	54	5	3 Fair - Minor Problems		
8040	8040				Valley Oak	*Quercus lobata*		6	54	7	3 Fair - Minor Problems	No tag.	
8041	8041				Interior Live Oak	*Quercus wislizeni*	5,7,9	9	54	12	3 Fair - Minor Problems	Forks at grade. No tag.	
8042	8042				Blue Oak	*Quercus douglasii*		25	54	29	2 Major Structure or Health Problems	Trunk wounds various locations. Leans southwest.	
8043	8043				Interior Live Oak	*Quercus wislizeni*	4,4,4,5,7	7	54	19	3 Fair - Minor Problems	Forks at grade with weak attachment.	
8044	8044				Blue Oak	*Quercus douglasii*		16	54	23	3 Fair - Minor Problems		
8045	8045				Blue Oak	*Quercus douglasii*		7	54	6	2 Major Structure or Health Problems	Basal cavity. No lateral branches.	
8046	8046				Blue Oak	*Quercus douglasii*		24	54	29	3 Fair - Minor Problems	Located in dense berries/poison oak. No tag.	
8047	8047				Valley Oak	*Quercus lobata*		55	54	41	3 Fair - Minor Problems	Lean shrubs west.	
8048	8048				Blue Oak	*Quercus douglasii*		27	54	33	3 Fair - Minor Problems	Leans north. Forks 4-5 feet above grade. Located in dense berries. No tag.	
8049	8049				Valley Oak	*Quercus lobata*		29	54	30	2 Major Structure or Health Problems	Lower trunk cavity with decay.	
8050	8050				Interior Live Oak	*Quercus wislizeni*	4,4,5,6	6	54	8	3 Fair - Minor Problems	Forks at grade and 2 feet above.	
8051	8051				Interior Live Oak	*Quercus wislizeni*		6	54	13	3 Fair - Minor Problems		
8052	8052				Valley Oak	*Quercus lobata*		31	54	34	3 Fair - Minor Problems	Fair condition. Located in dense berries and poison oak. Tag is on Tree 8053.	
8053	8053				Interior Live Oak	*Quercus wislizeni*		6	54	7	3 Fair - Minor Problems		
8054	8054				Blue Oak	*Quercus douglasii*		18	54	26	3 Fair - Minor Problems		
8055	8055				Blue Oak	*Quercus douglasii*		13	54	28	3 Fair - Minor Problems	Bend/one-sided west.	

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8056	8056				Blue Oak	*Quercus douglasii*		12	54	17	3 Fair - Minor Problems		
8057	8057				Blue Oak	*Quercus douglasii*		12	54	16	3 Fair - Minor Problems		
8058	8058				Interior Live Oak	*Quercus wislizeni*	4,5,8,8	8	54	27	3 Fair - Minor Problems	Forks at grade with weak attachments.	
8059	8059				Blue Oak	*Quercus douglasii*	12,13	13	54	19	3 Fair - Minor Problems		
8060	8060				Blue Oak	*Quercus douglasii*		17	54	25	3 Fair - Minor Problems		
8061	8061				Blue Oak	*Quercus douglasii*		14	54	23	1 Extreme Structure or Health Problems	Lower trunk cavity 4-20 feet above grade.	
8062	8062				Interior Live Oak	*Quercus wislizeni*		9	54	18	2 Major Structure or Health Problems	Callusing lower trunk wounds various locations.	
8063	8063				Valley Oak	*Quercus lobata*		10	54	31	3 Fair - Minor Problems	Tag on 5-inch Interior Live Oak 25 feet south. Leans west. Located in dense berries.	
8064	8064				Valley Oak	*Quercus lobata*		17	54	25	3 Fair - Minor Problems	Located creekside in dense berries and poison oak. No tag.	
8065	8065				Blue Oak	*Quercus douglasii*		6	54	7	2 Major Structure or Health Problems	Lower trunk cavity with moderate decay. Suppressed. Located 12 feet east of Tree 8063.	
8066	8066				White Alder	*Alnus rhombifolia*	6,7	7	54	13	3 Fair - Minor Problems	Located creekside in dense berries. No tag.	
8067	8067				Interior Live Oak	*Quercus wislizeni*		12	54	19	3 Fair - Minor Problems	Forks at grade with weak attachments. Above average amount of deadwood.	
8068	8068				Interior Live Oak	*Quercus wislizeni*	5,6	6	54	16	3 Fair - Minor Problems	Leans north. Bends west.	
8069	8069				Interior Live Oak	*Quercus wislizeni*		6	54	12	3 Fair - Minor Problems	Leans north. Bends southwest. Above average amount of deadwood.	
8070	8070				Interior Live Oak	*Quercus wislizeni*		10	54	18	3 Fair - Minor Problems		
8071	8071				Interior Live Oak	*Quercus wislizeni*		10	54	17	3 Fair - Minor Problems		
8072	8072				Interior Live Oak	*Quercus wislizeni*		9	54	24	3 Fair - Minor Problems		
8073	8073				Interior Live Oak	*Quercus wislizeni*		7	54	11	3 Fair - Minor Problems		
8074	8074				Interior Live Oak	*Quercus wislizeni*		7	54	13	3 Fair - Minor Problems		
8075	8075				Interior Live Oak	*Quercus wislizeni*	8,8	8	54	20	3 Fair - Minor Problems	Forks at grade with weak attachments.	
8076	8076				Interior Live Oak	*Quercus wislizeni*		7	54	21	3 Fair - Minor Problems		
8077	8075				Interior Live Oak	*Quercus wislizeni*		7	54	24	3 Fair - Minor Problems		
8078	8078				Interior Live Oak	*Quercus wislizeni*		6	54	10	3 Fair - Minor Problems		
8079	8079				Interior Live Oak	*Quercus wislizeni*		7	54	13	3 Fair - Minor Problems		
8080	8080				Interior Live Oak	*Quercus wislizeni*		7	54	14	3 Fair - Minor Problems		
8081	8081				Valley Oak	*Quercus lobata*	19,26,34	34	54	35	3 Fair - Minor Problems		
8082	8082				White Alder	*Alnus rhombifolia*		14	54	17	3 Fair - Minor Problems	Located creekside at footbridge.	
8083	8083				White Alder	*Alnus rhombifolia*	5,8,8	8	54	12	3 Fair - Minor Problems	Forks at grade and 3 feet above grade with weak attachments. Located adjacent to footbridge.	
8084	8084				Valley Oak	*Quercus lobata*		48	54	50	1 Extreme Structure or Health Problems	Located trail side at the foot bridge. Callused lower trunk wounds covering extensive interior decay. Leans west.	
8085	8085				Interior Live Oak	*Quercus wislizeni*	5,6	6	54	9	3 Fair - Minor Problems		
8086	8086				Interior Live Oak	*Quercus wislizeni*		9	54	18	3 Fair - Minor Problems	Leans east.	
8087	8087				Interior Live Oak	*Quercus wislizeni*		14	54	25	3 Fair - Minor Problems		
8088	8088				Interior Live Oak	*Quercus wislizeni*	6,6,6	6	54	16	3 Fair - Minor Problems		

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8089	8089				Interior Live Oak	*Quercus wislizeni*	5,6,6	6	54	7	3 Fair - Minor Problems		
8090	8090				Interior Live Oak	*Quercus wislizeni*		6	54	15	3 Fair - Minor Problems		
8091	8091				Interior Live Oak	*Quercus wislizeni*		12	54	17	3 Fair - Minor Problems		
8092	8092				Valley Oak	*Quercus lobata*		34	54	37	3 Fair - Minor Problems		
8093	8093				Interior Live Oak	*Quercus wislizeni*	8,13	13	54	17	3 Fair - Minor Problems	Largest stem lower trunk cavity with significant decay.	
8094	8094				Interior Live Oak	*Quercus wislizeni*	11,15	15	54	24	3 Fair - Minor Problems		
8095	8095				White Alder	*Alnus rhombifolia*	15,17	17	54	26	3 Fair - Minor Problems		
8096	8096				Blue Oak	*Quercus douglasii*		10	54	15	3 Fair - Minor Problems		
8097	8097				Interior Live Oak	*Quercus wislizeni*		38	54	40	3 Fair - Minor Problems		
8098	8098				Interior Live Oak	*Quercus wislizeni*		8	54	18	3 Fair - Minor Problems	Leans and bends west.	
8099	8099				Blue Oak	*Quercus douglasii*		10	54	12	3 Fair - Minor Problems		
8100	8100				Blue Oak	*Quercus douglasii*		6	54	13	3 Fair - Minor Problems		
8101	8101				Interior Live Oak	*Quercus wislizeni*	6,8	8	54	17	1 Extreme Structure or Health Problems	Old fire scar of a stems grade to 8 feet with significant decay.	
8102	8102				Interior Live Oak	*Quercus wislizeni*		7	54	11	3 Fair - Minor Problems		
8103	8103				Interior Live Oak	*Quercus wislizeni*	5,6,7	7	54	12	3 Fair - Minor Problems		
8104	8104				Interior Live Oak	*Quercus wislizeni*		13	54	27	2 Major Structure or Health Problems		
8105	8105				Interior Live Oak	*Quercus wislizeni*		7	54	16	1 Extreme Structure or Health Problems	Old fire scar lower trunk to 10 feet above grade with significant decay.	
8106	8106				Interior Live Oak	*Quercus wislizeni*		8	54	25	2 Major Structure or Health Problems	Grows horizontal to grade.	
8107	8107				Blue Oak	*Quercus douglasii*		14	54	18	3 Fair - Minor Problems		
8108	8108				Interior Live Oak	*Quercus wislizeni*		14	54	25	3 Fair - Minor Problems		
8109	8109				Interior Live Oak	*Quercus wislizeni*		9	54	17	3 Fair - Minor Problems		
8110	8110				Interior Live Oak	*Quercus wislizeni*		14	54	24	3 Fair - Minor Problems		
8111	8111				Interior Live Oak	*Quercus wislizeni*		13	54	26	3 Fair - Minor Problems		
8112	8112				Interior Live Oak	*Quercus wislizeni*		45	54	15	1 Extreme Structure or Health Problems	Diameter estimated. One stem of multi-stem tree remains.	
8113	8113				Interior Live Oak	*Quercus wislizeni*		8	54	17	3 Fair - Minor Problems		
8114	8114				Blue Oak	*Quercus douglasii*		18	54	26	3 Fair - Minor Problems		
8115	8115				Interior Live Oak	*Quercus wislizeni*		18	54	19	3 Fair - Minor Problems		
8116	8116				Interior Live Oak	*Quercus wislizeni*	13,14	14	54	28	3 Fair - Minor Problems	Growing crookside. Forks at grade.	
8117	8117				Interior Live Oak	*Quercus wislizeni*		23	54	28	3 Fair - Minor Problems		
8118	8118				Interior Live Oak	*Quercus wislizeni*		44	24	40	1 Extreme Structure or Health Problems	Basal cavities with significant decay.	
8119	8119				Interior Live Oak	*Quercus wislizeni*		14	54	24	3 Fair - Minor Problems	Bends north over creek.	
8120	8120				Interior Live Oak	*Quercus wislizeni*		19	54	28	3 Fair - Minor Problems	Bends south and west. One-sided southwest.	
8121	8121				Interior Live Oak	*Quercus wislizeni*	17,13,20	20	54	35	1 Extreme Structure or Health Problems	Forks at grade. One 17-inch stem partially failed.	

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8122	8122				Interior Live Oak	*Quercus wislizeni*		15	54	40	2 Major Structure or Health Problems	Suppressed horizontal to the southwest.	
8123	8123				Interior Live Oak	*Quercus wislizeni*		6	54	25	1 Extreme Structure or Health Problems	Lower trunk wound with decay. Suppressed. Leans east. Bends south.	
8124	8124				Interior Live Oak	*Quercus wislizeni*	5,6	6	54	30	3 Fair - Minor Problems	Forks at grade.	melanie
8125	8125				Interior Live Oak	*Quercus wislizeni*		6	54	15	3 Fair - Minor Problems		
8126	8126				Interior Live Oak	*Quercus wislizeni*	6,7	7	54	18	3 Fair - Minor Problems	Forks at grade.	
8128	8128				Interior Live Oak	*Quercus wislizeni*		8	54	16	3 Fair - Minor Problems		
8131	8131				Interior Live Oak	*Quercus wislizeni*	8,9,11,12,13	13	54	30	3 Fair - Minor Problems	Forks at grade. Covered in dense poison oak.	
8132	8132				Interior Live Oak	*Quercus wislizeni*	13,19	19	54	23	3 Fair - Minor Problems	Forks at grade largest there has a significant crook 3 feet above grade.	
8133	8133				Blue Oak	*Quercus douglasii*		8	54	14	3 Fair - Minor Problems		
8134	8134				Interior Live Oak	*Quercus wislizeni*		8	54	17	3 Fair - Minor Problems	Bends east.	
8135	8135				Interior Live Oak	*Quercus wislizeni*	7,7	7	54	19	3 Fair - Minor Problems	Forks at grade.	
8136	8136				Interior Live Oak	*Quercus wislizeni*		11	54	28	3 Fair - Minor Problems	Leans/one-sided northwest.	
8137	8137				Interior Live Oak	*Quercus wislizeni*	6,7	7	54	8	3 Fair - Minor Problems	Forks at grade.	
8138	8138				Interior Live Oak	*Quercus wislizeni*	25,39	39	54	40	2 Major Structure or Health Problems	Large stem failures lower trunk defects significant callus/reaction growth over adjacent granite rocks.	
8139	8139				Interior Live Oak	*Quercus wislizeni*		21	54	28	3 Fair - Minor Problems		
8140	8140				Interior Live Oak	*Quercus wislizeni*		6	54	24	3 Fair - Minor Problems	One-sided north.	
8141	8141				Interior Live Oak	*Quercus wislizeni*		24	54	30	3 Fair - Minor Problems	Located in dense berries 20 feet south of creek. Tree is tagged.	
8142	8142				White Alder	*Alnus rhombifolia*		25	54	36	3 Fair - Minor Problems		
8143	8143				White Alder	*Alnus rhombifolia*		15	54	30	3 Fair - Minor Problems		
8144	8144				White Alder	*Alnus rhombifolia*		13	54	30	2 Major Structure or Health Problems	Significant beaver damage to lower trunk.	
8145	8145				Interior Live Oak	*Quercus wislizeni*	17,19	19	54	25	2 Major Structure or Health Problems	Stems grafted together. Fork at gradethen grafted 6-8 feet above grade. Lower trunk defects.	
8146	8146				Interior Live Oak	*Quercus wislizeni*	14,19,20	20	54	35	1 Extreme Structure or Health Problems	Significant basal decay, various locations, with exposed supporting.	
8147	8147				Interior Live Oak	*Quercus wislizeni*		14	54	18	3 Fair - Minor Problems		
8148	8148				Interior Live Oak	*Quercus wislizeni*		34	54	36	3 Fair - Minor Problems		
8149	8149				Blue Oak	*Quercus douglasii*		17	54	26	3 Fair - Minor Problems		
8150	8150				Interior Live Oak	*Quercus wislizeni*		14	54	25	3 Fair - Minor Problems		
8151	8151				Interior Live Oak	*Quercus wislizeni*	6,7,14	14	54	29	3 Fair - Minor Problems	Forks at grade with weak attachments, with up to 1 foot of separation.	
8152	8152				Foothill Pine			37	54	40	2 Major Structure or Health Problems	Diameter estimated. Very large tree estimate at 150 foot tall.	
8153	8153				Blue Oak	*Quercus douglasii*	18,12	12	54	20	3 Fair - Minor Problems		
8154	8154				Blue Oak	*Quercus douglasii*		12	54	18	3 Fair - Minor Problems		

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8155	8155				Interior Live Oak	*Quercus wislizeni*		13	54	30	2 Major Structure or Health Problems	One-sided west. Basal cavity with decay.	
8156	8156				Interior Live Oak	*Quercus wislizeni*	2,3,4,6	6	54	15	3 Fair - Minor Problems		
8157	8157				Interior Live Oak	*Quercus wislizeni*	6,7	7	54	15	3 Fair - Minor Problems		
8158	8158				Interior Live Oak	*Quercus wislizeni*		6	54	15	3 Fair - Minor Problems		
8159	8159				Interior Live Oak	*Quercus wislizeni*		7	54	18	3 Fair - Minor Problems		
8160	8160				Interior Live Oak	*Quercus wislizeni*	5,6,7	7	54	20	2 Major Structure or Health Problems	Forks at grade with weak attachments. Basal defects.	
8161	8161				Interior Live Oak	*Quercus wislizeni*	6,7,10	10	54	20	3 Fair - Minor Problems	Forks at grade up slope of trail.	
8162	8162				Interior Live Oak	*Quercus wislizeni*		6	54	17	3 Fair - Minor Problems		
8163	8163				Interior Live Oak	*Quercus wislizeni*	10,13,14	14	54	25	3 Fair - Minor Problems		
8164	8164				Interior Live Oak	*Quercus wislizeni*		15	54	20	3 Fair - Minor Problems		
8165	8165				Interior Live Oak	*Quercus wislizeni*	7,8,11	11	54	24	3 Fair - Minor Problems	Forks at grade. Basal decay. Old stumps.	
8166	8166				Interior Live Oak	*Quercus wislizeni*	5,7	7	54	11	2 Major Structure or Health Problems	Forks at grade. Basal defects.	
8167	8167				Interior Live Oak	*Quercus wislizeni*	4,6,8,12	12	54	25	3 Fair - Minor Problems	Forks at grade upslope of walking trail.	
8168	8168				Tree of Heaven	*Ailanthus altissima*	8,9	9	54	20	3 Fair - Minor Problems	Forks 2 feet above grade with weak attachments.	Remove
8169	8169				Interior Live Oak	*Quercus wislizeni*		7	54	20	3 Fair - Minor Problems	Located just uphill of walking trail.	
8170	8170				Interior Live Oak	*Quercus wislizeni*	5,7	7	54	15	3 Fair - Minor Problems	Forks at grade. Located just uphill of walking trail.	
8171	8171				Blue Oak	*Quercus douglasii*		6	54	15	3 Fair - Minor Problems		
8172	8172				Interior Live Oak	*Quercus wislizeni*	4,5,6,6	6	54	15	3 Fair - Minor Problems	Forks at grade downhill side of trail adjacent to	
8173	8173				Interior Live Oak	*Quercus wislizeni*	6,8	8	54	15	3 Fair - Minor Problems	10 feet uphill of trail.	
8174	8174				Interior Live Oak	*Quercus wislizeni*		8	54	15	3 Fair - Minor Problems		
8175	8175				Interior Live Oak	*Quercus wislizeni*		7	54	17	3 Fair - Minor Problems		
8176	8176				Interior Live Oak	*Quercus wislizeni*		8	54	17	3 Fair - Minor Problems		
8177	8177				Interior Live Oak	*Quercus wislizeni*		6	54	15	3 Fair - Minor Problems		
8178	8178				Interior Live Oak	*Quercus wislizeni*		14	54	26	2 Major Structure or Health Problems	Leans/one-sided west with basal decay.	
8179	8179				Interior Live Oak	*Quercus wislizeni*	7,7,8,12	12	54	25	3 Fair - Minor Problems	Forks at grade with weak attachments.	
8180	8180				Interior Live Oak	*Quercus wislizeni*	4,5,6	6	54	14	3 Fair - Minor Problems		
8181	8181				Interior Live Oak	*Quercus wislizeni*		12	54	15	3 Fair - Minor Problems	In deep blackberries/poison oak. No tag on trunk.	
8182	8182				Interior Live Oak	*Quercus wislizeni*		8	54	15	3 Fair - Minor Problems		
8183	8183				Interior Live Oak	*Quercus wislizeni*	6,8,12	12	54	17	3 Fair - Minor Problems	Forks at grade minor to moderate basal defects in decay.	
8184	8184				Interior Live Oak	*Quercus wislizeni*	5,6,7,8,10,13	13	54	21	2 Major Structure or Health Problems	Old stump sprout forks grade 22 feet above grade. Weak attachment. Located just uphill of the upper foot trail.	
8185	8185				Interior Live Oak	*Quercus wislizeni*		6	54	15	3 Fair - Minor Problems		
8186	8186				Interior Live Oak	*Quercus wislizeni*	5,11,13	13	54	24	3 Fair - Minor Problems	Forks at grade.	
8187	8187				Blue Oak	*Quercus douglasii*		6	54	10	3 Fair - Minor Problems		
8188	8188				Interior Live Oak	*Quercus wislizeni*		13	54	20	3 Fair - Minor Problems		

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8189	8189				Interior Live Oak	*Quercus wislizeni*	7,10,11,12,13	13	54	25	2 Major Structure or Health Problems	Old stump sprout. Forks at grade with weak attachments. Some basal decay. Located just uphill of the upper walking trail.	
8190	8190				Interior Live Oak	*Quercus wislizeni*	6,6,8	8	54	15	3 Fair - Minor Problems	Forks just above grade and 3 feet above grade with weak attachments.	
8191	8191				Interior Live Oak	*Quercus wislizeni*	6,6,8	8	54	20	3 Fair - Minor Problems	Forks one and 2 feet above grade located 8 feet uphill of the uphill trail leans towards the [illegible] sides	
8192	8192				Interior Live Oak	*Quercus wislizeni*	6,8	8	54	20	3 Fair - Minor Problems		
8193	8193				Interior Live Oak	*Quercus wislizeni*	9,10,12	12	54	20	3 Fair - Minor Problems	Located in poison oak. Large failed Foothill Pine surrounding it.	
8194	8194				Interior Live Oak	*Quercus wislizeni*		7	54	6	2 Major Structure or Health Problems	Damaged by Foothill Pine failure, main stem broke at 10 feet above grade.	
8195	8195				Interior Live Oak	*Quercus wislizeni*		8	54	15	3 Fair - Minor Problems		
8196	8196				Interior Live Oak	*Quercus wislizeni*	8,12	12	54	20	3 Fair - Minor Problems	Forks 1 feet above grade.	
8197	8197				Interior Live Oak	*Quercus wislizeni*		8	54	20	3 Fair - Minor Problems		
8198	8198				Interior Live Oak	*Quercus wislizeni*	10,12	12	54	20	3 Fair - Minor Problems	6 feet below upper walking trail	
8199	8199				Interior Live Oak	*Quercus wislizeni*		6	54	20	2 Major Structure or Health Problems	Old lower trunk wound from adjacent failure one-sided west.	
8200	8200				Interior Live Oak	*Quercus wislizeni*		9	54	15	2 Major Structure or Health Problems	Main stem lean,forods 5 feet above grade. 6-inch lateral remains upright at that point.	
8201	8201				Interior Live Oak	*Quercus wislizeni*	5,6,7,8	8	54	20	3 Fair - Minor Problems	Forks at grade.	
8202	8202				Blue Oak	*Quercus douglasi*		14	54	18	2 Major Structure or Health Problems	Old mechanical injury/bacterial canker at lower trunk. Above average amount of deadwood.	
8203	8203				Interior Live Oak	*Quercus wislizeni*		17	54	27	3 Fair - Minor Problems	Located up hill of the upper trail overhangs upper trail and lower trail	
8204	8204				Blue Oak	*Quercus douglasi*		15	54	24	3 Fair - Minor Problems		
8205	8205				Blue Oak	*Quercus douglasi*		6	54	30	3 Fair - Minor Problems		
8206	8206				Interior Live Oak	*Quercus wislizeni*		11	54	15	1 Extreme Structure or Health Problems	Significant lower trunk defect with decay. Located directly above the lower walking trail.	
8207	8207				Interior Live Oak	*Quercus wislizeni*	6,7	7	54	15	3 Fair - Minor Problems		
8208	8208				Interior Live Oak	*Quercus wislizeni*	13,17	13	54	28	1 Extreme Structure or Health Problems	Located 6 feet uphill of the lower walking trail. Larger stem bends west over the outdoor seating area.	
8209	8209				Blue Oak	*Quercus douglasi*		13	54	18	3 Fair - Minor Problems	Located in berries between lower walking trail and creek.	
8210	8210				Interior Live Oak	*Quercus wislizeni*		17	54	30	3 Fair - Minor Problems	Located in berries between lower walking trail and creek.	
8211	8211				Blue Oak	*Quercus douglasi*		7	54	15	3 Fair - Minor Problems	Just above the seating area.	
8212	8212				Interior Live Oak	*Quercus wislizeni*		7	54	14	3 Fair - Minor Problems		
8213	8213				Blue Oak	*Quercus douglasi*		15	54	28	3 Fair - Minor Problems	Located between failed Foothill Pine and outdoor classroom seating.	
8214	8214				Interior Live Oak	*Quercus wislizeni*	13,17	17	54	25	2 Major Structure or Health Problems	Lower trunk/root collar obscured by dense berries and vinca. Trunk cavities evident on both stems.	
8215	8215				Interior Live Oak	*Quercus wislizeni*		10	54	20	3 Fair - Minor Problems		

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8216	8216				Interior Live Oak	*Quercus wislizeni*		10	56	40	3 Fair - Minor Problems	Diameter and dripline estimated. Located in dense berries and poison oak 8 feet below the lower walking trail. Appears in fair condition. No tag.	
8217	8217				Interior Live Oak	*Quercus wislizeni*		18	56	30	3 Fair - Minor Problems		
8218	8218				Blue Oak	*Quercus douglasii*		9	56	15	3 Fair - Minor Problems	Located between upper and lower walking trails at intersection.	
8219	8219				Interior Live Oak	*Quercus wislizeni*		14	36	24	5 Fair - Minor Problems		
8220	8220				Interior Live Oak	*Quercus wislizeni*		12	56	14	5 Fair - Minor Problems	Significant trunk decay east side.	
8221	8221				Interior Live Oak	*Quercus wislizeni*	4,7	7	56	15	5 Fair - Minor Problems		
8222	8222				Interior Live Oak	*Quercus wislizeni*		14	56	28	5 Fair - Minor Problems		
8223	8223				Interior Live Oak	*Quercus wislizeni*	6,8	8	56	18	3 Fair - Minor Problems	Forks at grade a foot of separation between the base is located 10 feet downhill of the walking trail.	
8224	8224				Interior Live Oak	*Quercus wislizeni*	7,10	10	56	17	5 Fair - Minor Problems	Forks 1 foot above grade with grafting 3 feet above grade.	
8225	8226				California Buckeye	*Aesculus californica*		7	56	15	5 Fair - Minor Problems		
8226	8226				California Buckeye	*Aesculus californica*		6	56	15	3 Fair - Minor Problems		
8227	8227				Interior Live Oak	*Quercus wislizeni*		21	56	38	3 Fair - Minor Problems		
8228	8228				Blue Oak	*Quercus douglasii*		12	56	30	3 Fair - Minor Problems		
8229	8229				Interior Live Oak	*Quercus wislizeni*	5,6	6	56	15	3 Fair - Minor Problems		
8230	8230				Interior Live Oak	*Quercus wislizeni*		32	56	35	2 Major Structure or Health Problems	Callusing lower trunk cavity southeast side with significant decay. Leans northwest.	
8231	8231				California Buckeye	*Aesculus californica*	5,6	6	54	12	3 Fair - Minor Problems		
8232	8232				Interior Live Oak	*Quercus wislizeni*	6,6	6	54	20	3 Fair - Minor Problems		
8234	8234				Blue Oak	*Quercus douglasii*		14	54	28	3 Fair - Minor Problems		
8235	8235				Interior Live Oak	*Quercus wislizeni*		8	54	25	3 Fair - Minor Problems	10 feet from creekside.	
8236	8236				Interior Live Oak	*Quercus wislizeni*		6	54	12	3 Fair - Minor Problems		
8237	8237				Interior Live Oak	*Quercus wislizeni*	3,3,5,6	6	56	15	3 Fair - Minor Problems		
8238	8238	442			Interior Live Oak	*Quercus wislizeni*		7	54	30	5 Fair - Minor Problems	Suppressed. Bends northwest. Slightly above average amount of deadwood.	
8239	8239	443			Interior Live Oak	*Quercus wislizeni*		7	54	30	3 Fair - Minor Problems		
8240	8240				Interior Live Oak	*Quercus wislizeni*	7,8	8	54	9	3 Fair - Minor Problems	Forks at grade with minor basal decay.	
8241	8241				Interior Live Oak	*Quercus wislizeni*		7	56	15	2 Major Structure or Health Problems	Lower trunk cavity to 7 feet above grade.	
8242	8242				Interior Live Oak	*Quercus wislizeni*	5,7,11	11	56	13	2 Major Structure or Health Problems	Forks at grade with weak attachments. Lower trunk decay in the smallest stem.	
8243	8243				Interior Live Oak	*Quercus wislizeni*		7	54	21	3 Fair - Minor Problems		
8244	8244				Interior Live Oak	*Quercus wislizeni*		9	54	25	5 Fair - Minor Problems	Leans southwest.	
8245	8245				Interior Live Oak	*Quercus wislizeni*	7,26	26	54	29	3 Fair - Minor Problems	Basal cavity north side. Reactive growth over boulders.	
8246	8246				Valley Oak	*Quercus lobata*		11	56	30	3 Fair - Minor Problems		
8247	8247				Pacific Willow	*Salix lucida*		7	56	15	3 Fair - Minor Problems	Root collar not visible. Located in dense berries.	
8248	8248				Pacific Willow	*Salix lucida*		20	54	25	3 Fair - Minor Problems	Root collar not visible. Located in deep berries.	

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8249	8249				Pacific Willow	*Salix lucida*		18	54	30	3 Fair - Minor Problems		
8250	8250				Pacific Willow	*Salix lucida*	17,19	18	54	24	3 Fair - Minor Problems	Root collar not visible. Located in dense berries.	
8251	8251				Valley Oak	*Quercus lobata*		9	54	15	3 Fair - Minor Problems		
8252	8252				Interior Live Oak	*Quercus wislizeni*	8,9,17	17	54	25	3 Fair - Minor Problems	Forks at grade with basal decay.	
8253	8253				Blue Oak	*Quercus douglasii*		6	54	15	3 Fair - Minor Problems		
8254	8254				Fremont Cottonwood	*Populus fremontii*	28,34	54	54	40	2 Major Structure or Health Problems		
8255	8255				Interior Live Oak	*Quercus wislizeni*	5,8	8	54	25	3 Fair - Minor Problems		
8256	8256				Interior Live Oak	*Quercus wislizeni*	4,7	7	54	0	3 Fair - Minor Problems	Forks at grade with weak attachment.	
8257	8257				Interior Live Oak	*Quercus wislizeni*	4,4,5,6	6	54	17	3 Fair - Minor Problems		
8258	8258				Blue Oak	*Quercus douglasii*		28	54	30	2 Major Structure or Health Problems	Lower trunk defects with suspected decay.	
8259	8259				Blue Oak	*Quercus douglasii*	5,6	6	54	15	3 Fair - Minor Problems	Forks at grade.	
8260	8260				Interior Live Oak	*Quercus wislizeni*	4,4,5,6	6	54	20	3 Fair - Minor Problems		
8261	8261				Blue Oak	*Quercus douglasii*	5,6	6	54	15	3 Fair - Minor Problems		
8262	8262				Interior Live Oak	*Quercus wislizeni*	3,5,6	6	54	15	3 Fair - Minor Problems		
8263	8263				Interior Live Oak	*Quercus wislizeni*	7,8	8	54	20	3 Fair - Minor Problems	Forks at grade.	
8264	8264				Interior Live Oak	*Quercus wislizeni*		27	54	30	3 Fair - Minor Problems		
8265	8265				Valley Oak	*Quercus lobata*		31	54	30	3 Fair - Minor Problems		
8266	8266				Bigleaf Maple	*Acer macrophyllum*		14	54	25	3 Fair - Minor Problems	Larger stem is dead. Grows at an angle east creekside.	
8267	8267				Bigleaf Maple	*Acer macrophyllum*	24,29	29	54	30	3 Fair - Minor Problems	Forks 1 and 2-5 feet above grade with weak attachments. Located creekside in dense berries.	
8268	8268				Interior Live Oak	*Quercus wislizeni*		7	54	15	3 Fair - Minor Problems		
8269	8269				Interior Live Oak	*Quercus wislizeni*	5,6	6	54	20	3 Fair - Minor Problems		
8270	8270				Interior Live Oak	*Quercus wislizeni*	12,14,15	15	54	30	3 Fair - Minor Problems	First grade to 2 feet above grade. Weak attachment. Suppressed. One-sided south.	
8271	8271				Interior Live Oak	*Quercus wislizeni*		12	54	25	3 Fair - Minor Problems	Suppressed. One-sided southeast.	
8272	8272				Blue Oak	*Quercus douglasii*		11	54	15	3 Fair - Minor Problems		
8273	8273				Blue Oak	*Quercus douglasii*		14	54	20	2 Major Structure or Health Problems	Trunk previously damaged semi-elliptical below 5 feet	
8274	8274				Interior Live Oak	*Quercus wislizeni*		15	54	25	3 Fair - Minor Problems		
8275	8275				Interior Live Oak	*Quercus wislizeni*	12 ,13,14	14	54	30	3 Fair - Minor Problems	Weak attachments.	
8276	8276				Blue Oak	*Quercus douglasii*		14	54	30	3 Fair - Minor Problems		
8277	8277				Valley Oak	*Quercus lobata*		30	54	30	3 Fair - Minor Problems	Out of balance south.	
8278	8278				Interior Live Oak	*Quercus wislizeni*	12,13,15	15	54	30	3 Fair - Minor Problems		
8279	8279				Bigleaf Maple	*Acer macrophyllum*	7,8,11,12	12	54	25	3 Fair - Minor Problems	Forks at grade with weak attachments. Located creekside.	
8280	8280				Blue Oak	*Quercus douglasii*		6	54	30	3 Fair - Minor Problems		
8281	8281				Blue Oak	*Quercus douglasii*	8,6	6	54	15	3 Fair - Minor Problems		
8282	8282				Blue Oak	*Quercus douglasii*		14	54	20	3 Fair - Minor Problems		
8283	8283				Blue Oak	*Quercus douglasii*		24	54	28	3 Fair - Minor Problems		

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8284	8284				Interior Live Oak	*Quercus wislizeni*	6,13	13	54	25	2 Major Structure or Health Problems	Lower trunk cavity with decay on the main stem.	
8285	8285				Valley Oak	*Quercus lobata*		18	54	25	2 Major Structure or Health Problems	Has partial failure of the root system lying on rocks creekside.	
8286	8286				Fremont Cottonwood	*Populus fremontii*		38	54	35	3 Fair - Minor Problems	Located creekside.	
8287	8287				Fremont Cottonwood	*Populus fremontii*		38	54	30	3 Fair - Minor Problems		
8288	8288				Valley Oak	*Quercus lobata*		6	54	15	3 Fair - Minor Problems		
8289	8289				Interior Live Oak	*Quercus wislizeni*	4,7	7	54	11	3 Fair - Minor Problems	Out of balance southwest.	
8290	8290				Pacific Willow	*Salix lucida*		17	54	28	3 Fair - Minor Problems		
8291	8291				Valley Oak	*Quercus lobata*		21	24	25	3 Fair - Minor Problems		
8292	8292				Valley Oak	*Quercus lobata*		20	54	25	3 Fair - Minor Problems		
8293	8293				Valley Oak	*Quercus lobata*		22	54	28	3 Fair - Minor Problems		
8294	8294				Pacific Willow	*Salix lucida*		14	54	25	3 Fair - Minor Problems		
8295	8295				Valley Oak	*Quercus lobata*		20	54	25	3 Fair - Minor Problems		
8296	8296				Valley Oak	*Quercus lobata*	7,19	19	54	25	3 Fair - Minor Problems		
8297	8297				Valley Oak	*Quercus lobata*		23	54	30	3 Fair - Minor Problems		
8298	8298				Valley Oak	*Quercus lobata*		12	54	20	3 Fair - Minor Problems	Located creekside in dense berries.	
8299	8299				Interior Live Oak	*Quercus wislizeni*	5,6	6	54	15	3 Fair - Minor Problems		
8300	8300				Interior Live Oak	*Quercus wislizeni*	10,12	12	54	20	3 Fair - Minor Problems	Out of balance west.	
8301	8301				Valley Oak	*Quercus lobata*		22	54	25	3 Fair - Minor Problems		
8302	8302				Blue Oak	*Quercus douglasii*		6	54	10	3 Fair - Minor Problems		
8303	8303				Blue Oak	*Quercus douglasii*		8	54	15	3 Fair - Minor Problems		
8304	8304				Valley Oak	*Quercus lobata*		13	54	17	3 Fair - Minor Problems		
8305	8305				Pacific Willow	*Salix lucida*	6,7	7	54	30	3 Fair - Minor Problems	Located creekside. Growing horizontal to the northeast.	
8306	8306				Interior Live Oak	*Quercus wislizeni*	5,6	6	54	15	3 Fair - Minor Problems		
8307	8307				Interior Live Oak	*Quercus wislizeni*		8	54	15	3 Fair - Minor Problems		
8308	8308				Blue Oak	*Quercus douglasii*		6	54	10	3 Fair - Minor Problems		
8309	8309				Valley Oak	*Quercus lobata*		13	54	20	3 Fair - Minor Problems		
8310	8310				Interior Live Oak	*Quercus wislizeni*	15,17,20	28	54	30	3 Fair - Minor Problems	Forks at grade and 4 feet above grade with weak attachments. Above average amount of structure.	
8311	8311				Blue Oak	*Quercus douglasii*		25	54	30	3 Fair - Minor Problems		
8312	8312				Interior Live Oak	*Quercus wislizeni*		13	54	35	1 Extreme Structure or Health Problems	Growing horizontal to the west. Basal decay in sunset garden along the entire trunk.	
8313	8313				Pacific Willow	*Salix lucida*	16	16	54	30	1 Extreme Structure or Health Problems	Located in dense berries south of the walking trail north of the creek at the pedestrian bridge. Basal cavities. Lower trunk cavities.	
8314	8314				Pacific Willow	*Salix lucida*	13,25	25	54	30	3 Fair - Minor Problems	Located in deep berries.	
8315	8315				Blue Oak	*Quercus douglasii*		53	54	30	1 Extreme Structure or Health Problems	Decay. Adjacent to the walking trail. Basal cavity and interior hollowing.	
8316	8316				Interior Live Oak	*Quercus wislizeni*		6	54	20	3 Fair - Minor Problems		

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8317	8317				Interior Live Oak	*Quercus wislizeni*	4,4,5,6	6	54	15	3 Fair - Minor Problems		
8318	8318				Interior Live Oak	*Quercus wislizeni*	13,13	12	54	25	3 Fair - Minor Problems	Originally 3 stems. Smallest stem is dead. Forks at grade.	
8319	8319				Interior Live Oak	*Quercus wislizeni*	5,5,7,8,11	13	54	30	3 Fair - Minor Problems	Forks at grade. Some separation between the stems.	
8320	8320				Interior Live Oak	*Quercus wislizeni*		17	54	25	3 Fair - Minor Problems	Root collar not visible due to dense berries and poison oak.	
8321	8321				Interior Live Oak	*Quercus wislizeni*		8	54	15	3 Fair - Minor Problems	Located in dense berries and poison oak.	
8322	8322				Blue Oak	*Quercus douglasii*		20	54	25	3 Fair - Minor Problems		
8323	8323				Interior Live Oak	*Quercus wislizeni*	12,13	13	54	25	3 Fair - Minor Problems	Forks a foot above grade. Located in dense berries and poison oak.	
8324	8324				Interior Live Oak	*Quercus wislizeni*	9,10	10	54	30	3 Fair - Minor Problems	Forks a foot above grade. Located in dense berries.	
8325	8325				Interior Live Oak	*Quercus wislizeni*		20	54	25	3 Fair - Minor Problems	Root collar not visible. Buried in berries and poison oak.	
8326	8326				Interior Live Oak	*Quercus wislizeni*	13,14,15,17	17	54	30	3 Fair - Minor Problems		
8327	8327				Interior Live Oak	*Quercus wislizeni*	5,6,7	7	54	30	3 Fair - Minor Problems		
8328	8328				Interior Live Oak	*Quercus wislizeni*	9,10,13,13	13	54	25	3 Fair - Minor Problems		
8329	8329				Pacific Willow	*Salix lucida*	15,17	17	54	30	3 Fair - Minor Problems	Located on floodplain in dense berries.	
8330	8330				Pacific Willow	*Salix lucida*		20	54	25	3 Fair - Minor Problems		
8331	8331				Interior Live Oak	*Quercus wislizeni*	6,8,9,11	11	54	30	3 Fair - Minor Problems	Located in a floodplain and dense berries.	
8332	8332				Interior Live Oak	*Quercus wislizeni*	7,7,13	13	54	25	3 Fair - Minor Problems	Forks grade to 3 feet above grade with weak attachments. Located in dense berries.	
8334	8334				Interior Live Oak	*Quercus wislizeni*	5,8,7,8	8	54	30	3 Fair - Minor Problems		
8335	8335	465			Interior Live Oak	*Quercus wislizeni*	10,11	11	54	17	3 Fair - Minor Problems	Forks at grade with weak attachments. Above average amount of deadwood.	
8336	8336				Blue Oak	*Quercus douglasii*		6	54	11	3 Fair - Minor Problems		
8337	8337	461			Interior Live Oak	*Quercus wislizeni*	10,12	12	54	17	2 Major Structure or Health Problems	Callusing basal trunk cavity southside. Leans west.	
8338	8338	461			Interior Live Oak	*Quercus wislizeni*	12,14	14	54	24	3 Fair - Minor Problems		
8339	8339				Interior Live Oak	*Quercus wislizeni*	5,5,10	10	54	18	3 Fair - Minor Problems		
8340	8340				Interior Live Oak	*Quercus wislizeni*		13	48	16	3 Fair - Minor Problems		
8341	8341				Interior Live Oak	*Quercus wislizeni*	8,13	13	54	23	3 Fair - Minor Problems	Forks at grade 2 feet of separation between the root collars. Above average amount of deadwood.	
8344	8344				Interior Live Oak	*Quercus wislizeni*		10	54	16	1 Extreme Structure or Health Problems	Trees original multi-trunk tree. One remaining stem. Significant basal defects.	
8357	8357				Blue Oak	*Quercus douglasii*	5,6,10,10	10	54	17	3 Fair - Minor Problems	Forks at grade with weak attachments.	
8920	8920	558			Interior Live Oak	*Quercus wislizeni*	10,18	18	54	30	2 Major Structure or Health Problems	And two dead stems. Poison oak at base. Moderate lean. Fair amount of deadwood.	
9701	9701				Interior Live Oak	*Quercus wislizeni*	9,10,11,11,12,13,15	15	54	25	3 Fair - Minor Problems	Codos ground to 2 feet, minor decay at crotch and some instructional branches, otherwise fair to good	Healthy
9702	9702				Interior Live Oak	*Quercus wislizeni*		12	36	13	3 Fair - Minor Problems	Moderate lean with correction, understory, fair canopy.	Healthy
9703	9703				Interior Live Oak	*Quercus wislizeni*		9	54	11	3 Fair - Minor Problems	Moderate lean, 88°. Fair to poor canopy development.	
9704	9704				Interior Live Oak	*Quercus wislizeni*		7	54	8	1 Extreme Structure or Health Problems	Cavity under trunk poison oak in canopy.	

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9705	9705				Interior Live Oak	*Quercus wislizeni*	20,23	23	54	24	3 Fair - Minor Problems	Estimated. Too much poison oak, other less than 5 inch sprouts possibly from base, potential cavity between stems ground. Fair canopy.	
9706	9706				Interior Live Oak	*Quercus wislizeni*	9,11	11	54	12	1 Extreme Structure or Health Problems	Codominant below 3 feet. Covered in poison oak. Fair to poor canopy.	
9711	9711				Interior Live Oak	*Quercus wislizeni*		19	54	21	1 Extreme Structure or Health Problems	Abnormal trunk shape from decay and response growth below 2 feet. Codominant with included bark. Failure at 10 feet. Remaining canopy poor taper and poor foliage.	
9712	9712				Interior Live Oak	*Quercus wislizeni*		11	54	13	1 Extreme Structure or Health Problems	Cavity in trunk below 18 inches and undermined roots from critters. Poor taper. Upper canopy bows over from suppression. Poor leaf density.	
9713	9713				Blue Oak	*Quercus douglasi*		28	24	27	3 Fair - Minor Problems	Codominant 1 feet into 3 stems, Fair flare against large rock. Some evidence of decay packets below 2 feet, 2 of 3 stems bow from suppression. Fair canopy.	
9714	9714				Interior Live Oak	*Quercus wislizeni*		18	54	22	3 Fair - Minor Problems	30" lean with bow in upper canopy from suppression.	
9715	9715				Interior Live Oak	*Quercus wislizeni*	9,16	16	54	17	1 Extreme Structure or Health Problems	Abnormal flare large pruning wound and too much decay below 2 feet	
9716	9716				Interior Live Oak	*Quercus wislizeni*		17	54	20	3 Fair - Minor Problems	Other stems removed at base, otherwise fair to good structure fair to poor canopy 4 inch deadwood	Healthy
9717	9717				Interior Live Oak	*Quercus wislizeni*		14	54	15	2 Major Structure or Health Problems	Decay in main trunk and just above codominant junction at 7 feet at OPC, under story structure overextended.	
9718	9718				Interior Live Oak	*Quercus wislizeni*	16,26	26	54	28	2 Major Structure or Health Problems	Codominant at 2 feet. Decay between stems. Larger stem OPC with advanced decay. Larger stem has upright fair canopy. Smaller stem bows overs from suppression.	Dead Diseased Dying 2
9719	9719				Interior Live Oak	*Quercus wislizeni*	17,18	18	54	20	3 Fair - Minor Problems	Some decay at OPC and in between stems otherwise fair to good canopy and structure.	
9720	9720				Interior Live Oak	*Quercus wislizeni*		9	54	7	1 Extreme Structure or Health Problems	Witte it out from base. Lost 3 other main stems. Remaining stem dead top, bird cavity at 6 feet. Epicormic sprouts.	
9721	9721				Interior Live Oak	*Quercus wislizeni*		11	54	15	2 Major Structure or Health Problems	Rocks at base and lots of decay under main stem all stem remove at ground, Fair to good canopy structure.	
9722	9722				Interior Live Oak	*Quercus wislizeni*	11,13	12	54	17	2 Major Structure or Health Problems	All stump sprout, two stems previously removed advanced decay underneath all fair canopy	
9723	9723				Blue Oak	*Quercus douglasi*		13	54	13	3 Fair - Minor Problems	Fair to good, fence wire attached	
9724	9724				Interior Live Oak	*Quercus wislizeni*		12	54	13	1 Extreme Structure or Health Problems	Fence wire attached, very poor canopy, two other dead stems	
9725	9725				Interior Live Oak	*Quercus wislizeni*		8	54	8	2 Major Structure or Health Problems	Decay at OPC at 2 feet, poor taper. Fair to poor canopy.	
9726	9726				Interior Live Oak	*Quercus wislizeni*		7	54	9	2 Major Structure or Health Problems	Leans from suppression with crook in upper canopy. Good vigor.	
9727	9727				Interior Live Oak	*Quercus wislizeni*		6	54	7	3 Fair - Minor Problems	Poor taper and structure from suppression.	

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9728	9728				Interior Live Oak	*Quercus wislizeni*	18,22	22	54	24	3 Fair - Minor Problems	Cavity at 2 feet and potentially underneath tree otherwise good.	
9729	9729				Interior Live Oak	*Quercus wislizeni*		9	54	10	3 Fair - Minor Problems	Small decay pocket at old 4-inch remove at 6 inches.	
9730	9730				Interior Live Oak	*Quercus wislizeni*		8	54	11	1 Extreme Structure or Health Problems	Poor taper from suppression too much deadwood and branches	
9731	9731				Interior Live Oak	*Quercus wislizeni*		11	54	17	2 Major Structure or Health Problems	Some buds slaughing fair to poor canopy	
9732	9732				Blue Oak	*Quercus douglasii*		12	54	16	2 Major Structure or Health Problems	Cavity under trunk, mostly one-sided canopy west, fair to good vigor	
9733	9733				Blue Oak	*Quercus douglasii*		15	54	17	2 Major Structure or Health Problems	Canker below 2 feet, top leans from suppression one sided canopy mostly west	
9734	9734				Interior Live Oak	*Quercus wislizeni*		12	54	15	1 Extreme Structure or Health Problems	Too much lean. Root flare indicates likely pull from ground with recovery, way overextended.	
9735	9735				Interior Live Oak	*Quercus wislizeni*		7	54	9	3 Fair - Minor Problems	Understory.	
9736	9736				Interior Live Oak	*Quercus wislizeni*		9	54	11	1 Extreme Structure or Health Problems	4-inch stem removed at 6 inches. Stem over mid canopy and is overextended from suppression.	
9737	9737				Interior Live Oak	*Quercus wislizeni*		7	54	8	3 Fair - Minor Problems	Good flare. Pose over mid canopy from suppression. Good vigor.	
9738	9738				Interior Live Oak	*Quercus wislizeni*		17	54	23	2 Major Structure or Health Problems	Cavity under trunk and decay at 6 feet. One-sided canopy south.	
9739	9739				Interior Live Oak	*Quercus wislizeni*	12, 15, 23	23	54	26	3 Fair - Minor Problems	Large old stumps. Root does not appear to have decay and center despite the hole between stems, poison oak largest stem upright other stems mid canopy lean. Fair to good vigor.	
9740	9740				Interior Live Oak	*Quercus wislizeni*		12	54	15	2 Major Structure or Health Problems	Good flare. Leans from suppression 30°. Poor crown ratio. Fair vigor.	
9741	9741				Pacific Willow	*Salix lasiolepis*	13,23,28	28	54	30	2 Major Structure or Health Problems	Old codominant split with decay. Larger stem 3 feet off the ground prostrate other main stem 8 feet off the ground prostrate. Vigorous sprouting.	
9742	9742				Interior Live Oak	*Quercus wislizeni*		12	54	16	2 Major Structure or Health Problems	Potential cavity under base and all 5-inch decaying wound, way overextended from suppression.	
9743	9743				Interior Live Oak	*Quercus wislizeni*		7	54	9	3 Fair - Minor Problems	Lean and overextended from suppression.	
9744	9744				Interior Live Oak	*Quercus wislizeni*		12	54	15	3 Fair - Minor Problems	Good flare. One-sided canopy west. Good vigor.	
9745	9745				Blue Oak	*Quercus douglasii*		15	54	15	2 Major Structure or Health Problems	Buried in blackberries. Abnormal trunk shape below 2 feet with weak attachments at 15 feet. Poor crown ratio.	
9746	9746				Blue Oak	*Quercus douglasii*		11	54	18	2 Major Structure or Health Problems	Abnormal trunk shape below 2 feet. Poor crown ratio.	
9747	9747				Interior Live Oak	*Quercus wislizeni*	8,12	12	54	13	1 Extreme Structure or Health Problems	Cavity ground to 3 feet, poor failure grounds on main trunk. Wrapped in poison oak.	
9748	9748				Interior Live Oak	*Quercus wislizeni*		29	54	25	3 Fair - Minor Problems	Blackberries and poison oak. Fair crown ratio, otherwise good.	
9749	9749				Blue Oak	*Quercus douglasii*		19	54	20	3 Fair - Minor Problems	Embedded fence wire through center. Fair crown ratio.	

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9750	9750				Pacific Willow	*Salix lucida*		6	54	10	2 Major Structure or Health Problems	Remaining upright stem.	
9751	9751				Fremont Cottonwood	*Populus fremontii*		30	56	32	3 Fair - Minor Problems	Dominant tree.	
9752	9752				Pacific Willow	*Salix lucida*		11	56	18	3 Fair - Minor Problems	Located in blackberries.	
9753	9753				Pacific Willow	*Salix lucida*		10	56	20	3 Fair - Minor Problems		
9754	9754				Pacific Willow	*Salix lucida*		8	54	25	3 Fair - Minor Problems	Large deadwood.	
9755	9755				Pacific Willow	*Salix lucida*		19	56	15	1 Extreme Structure or Health Problems	Mostly dead, only upcoming sprouts at about 8 feet.	
9756	9756				Pacific Willow	*Salix lucida*		16	54	25	2 Major Structure or Health Problems	Significantly, poor structure	
9757	9757				Pacific Willow	*Salix lucida*		15	54	25	3 Fair - Minor Problems	Good for species, surrounded by blackberries.	
9758	9758				Pacific Willow	*Salix lucida*	9,13	13	54	15	1 Extreme Structure or Health Problems	Mostly dead.	
9759	9759				Pacific Willow	*Salix lucida*	7,18	18	54	22	2 Major Structure or Health Problems	Larger stem prostrate and overextended.	
9760	9760				Pacific Willow	*Salix lucida*	12,15	15	54	25	1 Extreme Structure or Health Problems	Buried in blackberries. Mid canopy snooks.	
9761	9761				Willow	*Salix*		9	54	15	2 Major Structure or Health Problems	Significant lean.	
9762	9762				Pacific Willow	*Salix lucida*		11	56	25	3 Fair - Minor Problems	Covered in blackberries. Lean from ground with correction and prostrate growth.	
9763	9763				Pacific Willow	*Salix lucida*		30	54	35	2 Major Structure or Health Problems	Tag on branch. Surrounded by blackberries. Moderate to significant decline in upper canopy.	
9764	9764				Interior Live Oak	*Quercus wislizeni*		12	26	20	3 Fair - Minor Problems	Leans toward street. Codominant at 3 feet.	
9765	9765				Interior Live Oak	*Quercus wislizeni*		15	56	15	3 Fair - Minor Problems	One-sided canopy west. Epicormic sprouting.	
9766	9766				Valley Oak	*Quercus lobata*		26	54	29	3 Fair - Minor Problems	Dominant, surrounded by blackberries.	
9767	9767				Interior Live Oak	*Quercus wislizeni*	5,5	5	54	10	3 Fair - Minor Problems		
9768	9768				Valley Oak	*Quercus lobata*		8	54	12	3 Fair - Minor Problems		
9769	9769				Valley Oak	*Quercus lobata*		8	56	13	4 Good - No Apparent Problems		
9770	9770				Valley Oak	*Quercus lobata*		6	54	5	4 Good - No Apparent Problems	For reference as visual point on map.	
9771	9771				Interior Live Oak	*Quercus wislizeni*	9,10	10	54	15	1 Extreme Structure or Health Problems	Decay in both stems from ground to 10 feet.	
9772	9772				Interior Live Oak	*Quercus wislizeni*	8,10	10	54	11	1 Extreme Structure or Health Problems	Decay at base. Poor canopy.	
9773	9773				White Alder	*Alnus rhombifolia*		15	56	15	4 Good - No Apparent Problems	Edge of creek. Very good for species.	
9774	9774				White Alder	*Alnus rhombifolia*		9	54	12	3 Fair - Minor Problems		
9775	9775				White Alder	*Alnus rhombifolia*		10	54	15	3 Fair - Minor Problems	Edge of creek. Next to beaver downed tree.	
9776	9776				Pacific Willow	*Salix lucida*		8	54	10	4 Good - No Apparent Problems	Edge of creek.	

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9777	9777				White Alder	*Alnus rhombifolia*		12	54	15	3 Fair - Minor Problems		
9778	9778				Pacific Willow	*Salix lucida*		6	54	15	1 Extreme Structure or Health Problems	Only a 6-inch stem prostrate over water with upright growth remains. Large deadwood on ground or just off ground.	
9779	9779				White Alder	*Alnus rhombifolia*		12	54	18	3 Fair - Minor Problems	Edge of creek.	
9780	9780				White Alder	*Alnus rhombifolia*		20	54	15	3 Fair - Minor Problems	Codominant at 6 feet. Weak attachments. Main stem leans.	
9781	9781				White Alder	*Alnus rhombifolia*	6,15,20	20	54	17	3 Fair - Minor Problems	Covered in blackberries. Poor structure at ground with connections.	
9782	9782				California Black Walnut	*Juglans californica*		12	54	9	3 Fair - Minor Problems	Weak branch attachments below 6 feet	
9783	9783				Fremont Cottonwood	*Populus fremontii*		30	54	30	3 Fair - Minor Problems	Estimated with calipers. Surrounded by berries	
9784	9784				White Alder	*Alnus rhombifolia*		50	54	20	3 Fair - Minor Problems		
9785	9785				Oracle Oak	*Quercus morehus*	8,9	9	54	20	3 Fair - Minor Problems	Codominant 1 foot both stems lean.	
9786	9786	129			Interior Live Oak	*Quercus wislizeni*		14	54	20	3 Fair - Minor Problems	Leans away from last with correction at 7 feet.	
9787	9787				White Alder	*Alnus rhombifolia*	9,10	10	54	15	3 Fair - Minor Problems	Edge of creek. Codominant at 1 foot with weak attachment.	
9788	9788				Pacific Willow	*Salix lucida*	8,11	11	54	15	3 Fair - Minor Problems	Covered in blackberries.	
9789	9789				Pacific Willow	*Salix lucida*	8,8	8	54	11	2 Major Structure or Health Problems	Over edge of creek steep drop.	
9790	9790				Pacific Willow	*Salix lucida*	8,8,30,12,14	14	54	23	3 Fair - Minor Problems	8 leans over water. Large multi-stem cluster. Covered in blackberries.	
9791	9791				Interior Live Oak	*Quercus wislizeni*		25	54	30	2 Major Structure or Health Problems	Large remove cut at 8 feet. Remaining canopy bows over.	
9792	9792	127			Interior Live Oak	*Quercus wislizeni*		9	54	0	1 Extreme Structure or Health Problems	Main trunk removed at 2 feet. This is the remaining regrowth stem.	
9793	9793				Interior Live Oak	*Quercus wislizeni*		9	54	12	1 Extreme Structure or Health Problems	Decay in main stem.	
9794	9794				White Alder	*Alnus rhombifolia*		10	54	10	3 Fair - Minor Problems	White alders on the island. Another 5 inch stem. Lots of beaver damage.	
9795	9795				White Alder	*Alnus rhombifolia*		10	54	15	3 Fair - Minor Problems	On island, other stems 5Â—52Â—2	
9796	9796				White Alder	*Alnus rhombifolia*		8	54	10	3 Fair - Minor Problems	On the island.	
9797	9797				White Alder	*Alnus rhombifolia*		7	54	11	3 Fair - Minor Problems	On the island.	
9798	9798				White Alder	*Alnus rhombifolia*	7,8	8	54	10	3 Fair - Minor Problems	On the island, growing over rocks.	
9799	9799				White Alder	*Alnus rhombifolia*		8	54	12	3 Fair - Minor Problems		
9800	9800				White Alder	*Alnus rhombifolia*		29	54	30	2 Major Structure or Health Problems	Significant lean edge of streambank. Covered in blackberries.	
9801	9801				White Alder	*Alnus rhombifolia*	10,10	10	54	15	3 Fair - Minor Problems	Edge of water growing over rocks.	
9802	9802	131			Interior Live Oak	*Quercus wislizeni*	5,6,6,7	7	54	15	3 Fair - Minor Problems	4 stems, poor taper all low from suppression.	
9803	9803	133			Interior Live Oak	*Quercus wislizeni*		8	54	10	1 Extreme Structure or Health Problems	Dead tops of the current growth.	
9804	9804	130			Interior Live Oak	*Quercus wislizeni*		12	54	13	3 Fair - Minor Problems		
9805	9805				Interior Live Oak	*Quercus wislizeni*	7,18	18	54	11	3 Fair - Minor Problems		
9806	9806	135			Interior Live Oak	*Quercus wislizeni*		6	54	7	3 Fair - Minor Problems		

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9807	9807				Interior Live Oak	*Quercus wislizeni*		8	54	15	5 Fair - Minor Problems	It was over from suppression surrounded by poison oak in BB	
9808	9808				Interior Live Oak	*Quercus wislizeni*	7,8	8	54	30	2 Major Structure or Health Problems	Large remove of main stem at 1 foot.	
9809	9809				Interior Live Oak	*Quercus wislizeni*		15	54	28	5 Fair - Minor Problems	Poor structure.	
9810	9810				Interior Live Oak	*Quercus wislizeni*		13	54	15	5 Fair - Minor Problems		
9811	9811	6			Interior Live Oak	*Quercus wislizeni*	16,19	19	54	30	2 Major Structure or Health Problems	Too many removes at base. Remaining stems bow over.	
9812	9812				Interior Live Oak	*Quercus wislizeni*		10	54	30	5 Fair - Minor Problems		
9813	9813				Interior Live Oak	*Quercus wislizeni*	7,8	8	54	15	1 Extreme Structure or Health Problems	Too much decay under base from old remove cut.	
9814	9814				Interior Live Oak	*Quercus wislizeni*		9	54	15	2 Major Structure or Health Problems	Leans. Canopy decline, poor taper.	
9815	9815				Interior Live Oak	*Quercus wislizeni*		10	54	25	5 Fair - Minor Problems	Poison oak. Suppressed with lean.	
9816	9816				Interior Live Oak	*Quercus wislizeni*		13	54	30	5 Fair - Minor Problems	Buried in poison oak and blackberries. Fair to poor crown ratio.	
9817	9817				Interior Live Oak	*Quercus wislizeni*		8	54	30	2 Major Structure or Health Problems	Significant lean from suppression.	
9818	9818				Interior Live Oak	*Quercus wislizeni*	12,13	13	54	25	3 Fair - Minor Problems	Both stems lean over from suppression.	
9819	9819				Blue Oak	*Quercus douglasii*		7	54	7	3 Fair - Minor Problems	One-sided canopy.	
9821	9821	101, 140			Interior Live Oak	*Quercus wislizeni*	7,7,8,8	8	54	30	3 Fair - Minor Problems	Understory tree to larger stems fused.	
9822	9822				Pacific Willow	*Salix lucida*		22	54	40	1 Extreme Structure or Health Problems	Main stem prostrate across the ground with upright new growth approximately 10 inches.	
9823	9823				Valley Oak	*Quercus lobata*		58	54	40	5 Fair - Minor Problems	New attachments. Decline in upper canopy.	
9824	9824	142			Pacific Willow	*Salix lucida*		50	54	30	5 Fair - Minor Problems	Large failures and cavities.	
9825	9825				Blue Oak	*Quercus douglasii*		10	54	15	3 Fair - Minor Problems		
9826	9826				Interior Live Oak	*Quercus wislizeni*	8,8	8	54	30	3 Fair - Minor Problems	Connected below 1 foot with removal cut.	
9827	9827				Interior Live Oak	*Quercus wislizeni*	9,13	13	54	30	1 Extreme Structure or Health Problems	Significant lean and prostrate smaller stem bows to ground.	
9828	9828				California Buckeye	*Aesculus californica*		6	54	15	5 Fair - Minor Problems		
9829	9828				Valley Oak	*Quercus lobata*		13	54	30	3 Fair - Minor Problems		
9830	9830				California Buckeye	*Aesculus californica*		7	54	15	3 Fair - Minor Problems		
9831	9831				Blue Oak	*Quercus douglasii*		15	54	30	3 Fair - Minor Problems		
9832	9832				Interior Live Oak	*Quercus wislizeni*		15	54	30	2 Major Structure or Health Problems	Prostrate.	
9833	9833				Pacific Willow	*Salix lucida*	14,17	17	54	40	3 Fair - Minor Problems		
9834	9834				White Alder	*Alnus rhombifolia*	9,10,10	10	54	25	3 Fair - Minor Problems	Edge of creek. Poor structural connections below 3 feet.	
9835	9835				Interior Live Oak	*Quercus wislizeni*	6,6	6	54	15	2 Major Structure or Health Problems	Topped for high voltage utility lines.	
9836	9836				Pacific Willow	*Salix lucida*	8,13,14	14	54	30	1 Extreme Structure or Health Problems	Marginal structure recently cleared just off powerlines.	

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9837	9837				Pacific Willow	*Salix lucida*		18	54	15	1 Extreme Structure or Health Problems	Beaver damage.	
9838	9838				California Buckeye	*Aesculus californica*		7	54	15	3 Fair - Minor Problems		
9839	9839				California Buckeye	*Aesculus californica*		18	54	15	3 Fair - Minor Problems		
9840	9840				Blue Oak	*Quercus douglasii*		12	54	30	3 Fair - Minor Problems	Attached to California Buckeye at ground.	
9841	9841				Blue Oak	*Quercus douglasii*		22	54	30	3 Fair - Minor Problems	Some decline. Gargling root from California Buckeye.	
9842	9842				Blue Oak	*Quercus douglasii*		12	54	30	3 Fair - Minor Problems		
9843	9843				California Buckeye	*Aesculus californica*	8,10	10	54	20	3 Fair - Minor Problems		
9844	9844				Interior Live Oak	*Quercus wislizeni*	8,12	12	54	30	3 Fair - Minor Problems	Decay pocket at ground between stems. Fair taper.	
9845	9845				Interior Live Oak	*Quercus wislizeni*		19	54	40	3 Fair - Minor Problems	Abnormal at flare and cavity but still appears solid. Large failure wounds on lower trunk.	
9846	9846				Interior Live Oak	*Quercus wislizeni*	10,12	12	54	30	3 Fair - Minor Problems	Birdhouse on tree. Both stems lean.	
9847	9847	52			Valley Oak	*Quercus lobata*		54	54	40	3 Fair - Minor Problems	Codominant at 10 feet. Dominant tree.	
9848	9848				California Buckeye	*Aesculus californica*	5,5,6,7	7	54	20	3 Fair - Minor Problems		
9849	9849				Blue Oak	*Quercus douglasii*		8	54	25	2 Major Structure or Health Problems	Decay at crown and below 1 foot. Poor taper.	
9850	9850				Interior Live Oak	*Quercus wislizeni*	7,8,12,13	13	54	35	2 Major Structure or Health Problems	Indications of decay at base. All stems lean or bow.	
9851	9851				California Buckeye	*Aesculus californica*		8	12	20	3 Fair - Minor Problems		
9852	9852				California Buckeye	*Aesculus californica*		10	54	25	3 Fair - Minor Problems		
9853	9853				Interior Live Oak	*Quercus wislizeni*		12	54	30	1 Extreme Structure or Health Problems	Only remaining stem prostrate growth.	
9854	9854				Blue Oak	*Quercus douglasii*	5,12	12	54	25	3 Fair - Minor Problems		
9855	9855				California Buckeye	*Aesculus californica*		7	54	15	3 Fair - Minor Problems		
9856	9856				Blue Oak	*Quercus douglasii*		9	54	15	3 Fair - Minor Problems		
9857	9857				Valley Oak	*Quercus lobata*	19,25	25	54	30	3 Fair - Minor Problems		
9858	9858				California Buckeye	*Aesculus californica*		7	54	15	3 Fair - Minor Problems		
9859	9859				Blue Oak	*Quercus douglasii*		10	54	15	3 Fair - Minor Problems		
9860	9860				California Buckeye	*Aesculus californica*	6,8	8	54	15	3 Fair - Minor Problems		
9861	9861				Blue Oak	*Quercus douglasii*		7	54	10	3 Fair - Minor Problems		
9862	9862				California Buckeye	*Aesculus californica*		6	54	8	3 Fair - Minor Problems		
9863	9863				Interior Live Oak	*Quercus wislizeni*	5,5,6,8,9,10	10	54	25	3 Fair - Minor Problems		
9864	9864				California Buckeye	*Aesculus californica*	5,7	7	54	15	3 Fair - Minor Problems		
9866	9866				California Buckeye	*Aesculus californica*		6	54	15	3 Fair - Minor Problems		
9867	9866				California Buckeye	*Aesculus californica*	6,7,8	8	54	15	3 Fair - Minor Problems		
9868	9868				Valley Oak	*Quercus lobata*		23	54	25	3 Fair - Minor Problems		
9869	9869				California Buckeye	*Aesculus californica*	3,6	6	54	10	3 Fair - Minor Problems		
9870	9869				Interior Live Oak	*Quercus wislizeni*	8,9,16	16	54	25	3 Fair - Minor Problems		
9871	9871				Blue Oak	*Quercus douglasii*		8	54	15	3 Fair - Minor Problems	Wrapped in poison oak.	
9872	9872				Interior Live Oak	*Quercus wislizeni*	9,11	11	54	35	3 Fair - Minor Problems		

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9873	9873				Blue Oak	*Quercus douglasii*		8	54	35	3 Fair - Minor Problems		
9874	9875				Blue Oak	*Quercus douglasii*		10	54	20	3 Fair - Minor Problems		
9875	9875				Interior Live Oak	*Quercus wislizeni*		14	54	25	3 Fair - Minor Problems		
9876	9876				Interior Live Oak	*Quercus wislizeni*		10	54	20	1 Extreme Structure or Health Problems		
9877	9877				California Buckeye	*Aesculus californica*	5,5,6	6	54	15	3 Fair - Minor Problems		
9878	9878				Blue Oak	*Quercus douglasii*		13	54	10	3 Fair - Minor Problems		
9879	9879				Blue Oak	*Quercus douglasii*		7	54	10	3 Fair - Minor Problems	Poor live crown ratio.	
9880	9880				Interior Live Oak	*Quercus wislizeni*		12	54	30	3 Fair - Minor Problems	Some decay baskets at old pruning cuts below 3 feet slight bend mid canopy	
9881	9881				Interior Live Oak	*Quercus wislizeni*		9	54	30	2 Major Structure or Health Problems	Advance decay at base at two old removal cuts.	
9882	9882				Interior Live Oak	*Quercus wislizeni*		16	54	12	5 Fair - Minor Problems	Removal cut below 3 feet. Evidence of cavity under base. Fair to poor density.	
9883	9883				Interior Live Oak	*Quercus wislizeni*		13	54	25	2 Major Structure or Health Problems	Decay stub at 3 feet mid canopy bends with correction in upper canopy.	
9884	9884				California Buckeye	*Aesculus californica*		7	54	30	3 Fair - Minor Problems	Additional 5-inch stem dead. High canopy for species.	
9885	9885				California Buckeye	*Aesculus californica*		9	54	30	3 Fair - Minor Problems	Rubbing against adjacent tree.	
9886	9886				Interior Live Oak	*Quercus wislizeni*		52	24	30	1 Extreme Structure or Health Problems	Lost 20-inch CDL at 2 feet north and 10 feet west. Remaining tree is fair to poor.	
9887	9887				California Buckeye	*Aesculus californica*		6	54	15	2 Major Structure or Health Problems	Significant lean. Deadwood from adjacent tree hanging mid canopy.	
9888	9888				Valley Oak	*Quercus lobata*		50	54	28	5 Fair - Minor Problems	South side of crown is flat. Lots of epicormic growth.	
9889	9889				Interior Live Oak	*Quercus wislizeni*		18	54	30	1 Extreme Structure or Health Problems	Cavity below 3 feet abnormal trunk shape and codominant at 7 feet.	
9890	9890				California Buckeye	*Aesculus californica*	7,8,15	15	54	30	3 Fair - Minor Problems	Some deadwood inside canopy	
9891	9891				Blue Oak	*Quercus douglasii*		6	54	15	3 Fair - Minor Problems	Upper canopy bends from suppression.	
9892	9892				Interior Live Oak	*Quercus wislizeni*		7	54	10	3 Fair - Minor Problems	Less than 3 feet to base of adjacent tree.	
9894	9894				Interior Live Oak	*Quercus wislizeni*		8	12	15	2 Major Structure or Health Problems	Recently line clearance topped.	
9895	9895				Interior Live Oak	*Quercus wislizeni*	13,15	15	54	30	3 Fair - Minor Problems	College side of trail, larger stem moderate lean.	
9896	9896				Interior Live Oak	*Quercus wislizeni*	6,18	18	54	30	1 Extreme Structure or Health Problems	Significant lean. Recent line clearance pruned.	
9897	9897				California Buckeye	*Aesculus californica*	4,4,5,6	6	54	15	3 Fair - Minor Problems		
9898	9898				California Buckeye	*Aesculus californica*	7,8	8	54	15	3 Fair - Minor Problems		
9899	9899				Pacific Willow	*Salix lucida*		50	54	34	1 Extreme Structure or Health Problems	Mostly dead and hollow.	
9901	9901				California Buckeye	*Aesculus californica*	3,5,6	6	54	30	2 Major Structure or Health Problems	Poor structure. Significant lean.	
9902	9902				California Buckeye	*Aesculus californica*	4,6,6	6	54	15	3 Fair - Minor Problems		

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9903	9903				Interior Live Oak	*Quercus wislizeni*	7,8	8	54	12	1 Extreme Structure or Health Problems	Large cavity under codominant at 1 foot. Smaller stem bows from suppression.	
9904	9904				Interior Live Oak	*Quercus wislizeni*		10	54	25	3 Fair - Minor Problems		
9905	9905				Interior Live Oak	*Quercus wislizeni*	3,3,4,4,4,6	8	54	20	3 Fair - Minor Problems	Edge of trail. Steep bank.	
9906	9906				Interior Live Oak	*Quercus wislizeni*		53	54	30	1 Extreme Structure or Health Problems	Advanced decay and main trunk. Too many failures.	
9907	9907				Interior Live Oak	*Quercus wislizeni*		13	54	30	1 Extreme Structure or Health Problems	Large failures and cavities.	
9908	9908				California Buckeye	*Aesculus californica*		8	54	15	3 Fair - Minor Problems	Steep slope.	
9909	9909				Interior Live Oak	*Quercus wislizeni*	6,10	10	54	20	3 Fair - Minor Problems		
9911	9911				Interior Live Oak	*Quercus wislizeni*		9	54	15	2 Major Structure or Health Problems	Significant lean. Edge of blackberries.	
9912	9912				Interior Live Oak	*Quercus wislizeni*		10	54	20	3 Fair - Minor Problems	Leans. On a slope.	
9914	9914				Interior Live Oak	*Quercus wislizeni*	9,10	10	54	25	2 Major Structure or Health Problems	Codominant at 1 foot and at ground where previous stem removed. Recently pruned for high voltage utility lines.	
9915	9915				Interior Live Oak	*Quercus wislizeni*	6,7	7	36	15	2 Major Structure or Health Problems	Codominant at 1 foot. One stem removed. Remaining has significant lean. Recently pruned for high voltage utility lines.	
9916	9916	443			Interior Live Oak	*Quercus wislizeni*		7	54	10	1 Extreme Structure or Health Problems	Other side of trail, abnormal below 3 feet. Significant lean. Recently pruned.	
62349	6234				Interior Live Oak	*Quercus wislizeni*	6,6,7	7	54	20	3 Fair - Minor Problems	Forks at grade with weak attachments. One-sided west.	
75579	7557	7557a			Valley Oak	*Quercus lobata*		14	54	10	3 Fair - Minor Problems	Growing on creekbank with blackberries. No tag.	
75759	7575	7575a			Interior Live Oak	*Quercus wislizeni*		21	54	35	3 Fair - Minor Problems	Codominant at base. Next to Tree 7575. Poison oak and blackberries. No tag.	
76269	7626				Interior Live Oak	*Quercus wislizeni*		26	54	30	1 Extreme Structure or Health Problems	Extirpated. Wrapped in poison oak. Large deadwood and hollow cavity at base.	
78279	7827				Sandbar Willow	*Salix exigua Nutt.*		6	54	8	5 Fair - Minor Problems	Within 30 feet of creek and surrounded by blackberries.	
78679	7861				Red Willow	*Salix laevigata*	5,7	7	54	15	5 Fair - Minor Problems		
78729	7872				Interior Live Oak	*Quercus wislizeni*		14	54	18	5 Fair - Minor Problems		
83589	8358				Interior Live Oak	*Quercus wislizeni*	13,15	15	54	25	5 Fair - Minor Problems		
93659	9365	365			Interior Live Oak	*Quercus wislizeni*		9	54	15	3 Fair - Minor Problems		
98189	9818				California Buckeye	*Aesculus californica*		8	54	15	3 Fair - Minor Problems		
98139	9813				Interior Live Oak	*Quercus wislizeni*		9	54	15	2 Major Structure or Health Problems	Dogleg at 3 feet.	

Total trees = 1073 with 13716 aggregate diameter inches

Appendix D

Photos

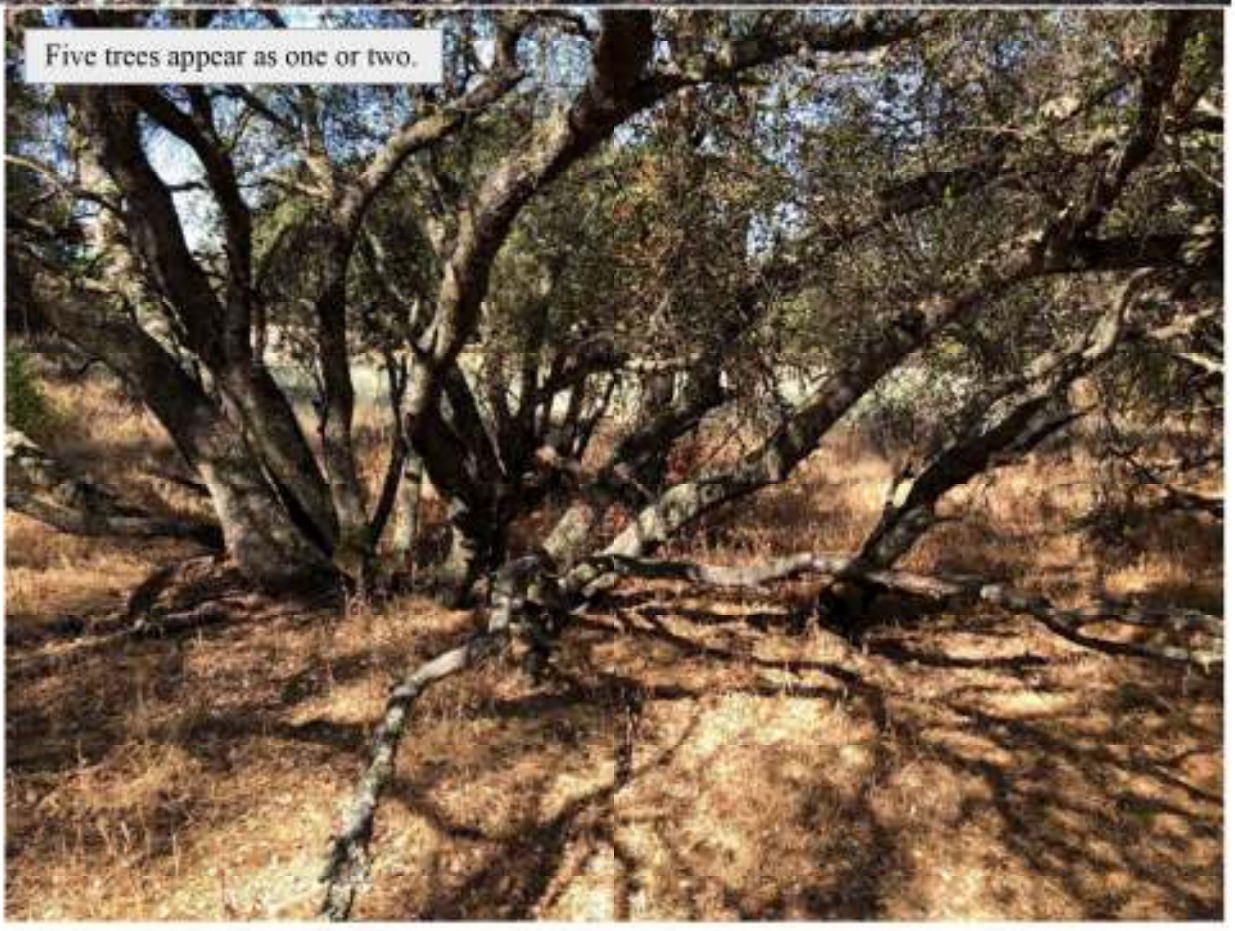

View of canopy edge.


Cal TLC, Inc., 7/06/2020


Typical multi-stem live oak.


Large multi-stem tree.
Prepared by Cal TLC, Inc., July 6, 2020




Five trees appear as one or two.

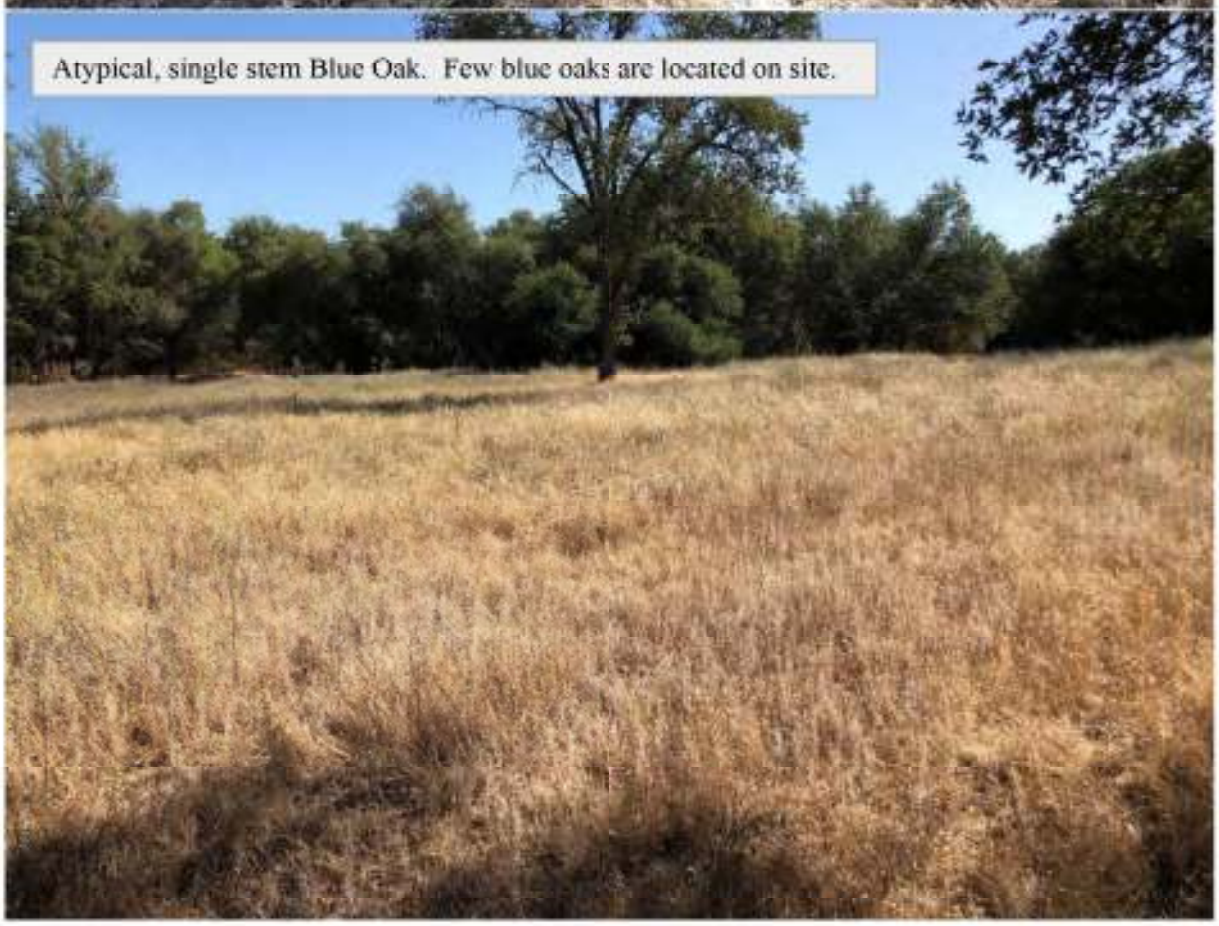


Multiple stems, weak attachments, dense.



Four tree. Note density and weak attachments.




Atypical, single stem Blue Oak. Few blue oaks are located on site.



View looking into North Village open space.



Typical, note basal defects, excessive dead wood, and poor structure.


Small multi-stem live oak.


Less density, smaller trees with better spacing.


Less common low density with better spacing.
Note poison oak which is prolific on site.



DRAFT

Biological Resources Assessment Supplement

Otani Property

Rocklin, Placer County, California

7 October 2020

MADRONE ECOLOGICAL CONSULTING

Prepared for:
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The Otani Property

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1.0 INTRODUCTION

This report has been prepared as a supplement to the *Draft Biological Resources Assessment for College Park* (BRA), prepared by Madrone Ecological Consulting, LLC (Madrone), and dated 5 March 2020. This supplement to the BRA has been prepared to summarize the sensitive biological resources present or with potential to occur within the Otani Property (Study Area), a property that may be appended to the College Park Project (Project). This document has been prepared utilizing the same methodology as the BRA, and as the Study Area is adjacent to the Project Area, the regulatory framework, special-status species with potential to occur, and recommended mitigation measures are largely the same as well. As a result, this document often refers the reader to the BRA for more detail where the baseline conditions, impact statements, and recommended mitigation and avoidance and minimization measures would be the same.

The Study Area is approximately 1.3 acres, and is located along the east side of Sierra College Boulevard, north of its intersection with Rocklin Road in the City of Rocklin, California. The site is located within a portion Section 21, Township 12 North, Range 7 East (MDB&M) of the "Rocklin, California" 7.5-minute quadrangle (USGS 2015) (**Figure 1**).

1.2 Project Description

A development plan has not been prepared for this Study Area yet; for the purposes of this Addendum, we have assumed that the site would be impacted in its entirety.

2.0 REGULATORY SETTING

Please refer to the BRA for a discussion of the regulatory setting.

3.0 METHODOLOGY

3.1 Literature Review

This analysis utilized the same literature review and definition of special-status species that was utilized for the BRA.

3.2 Field Surveys

Madrone senior biologist Daria Snider conducted a comprehensive pedestrian survey of the Study Area on 23 September 2020 to map the location and extent of potential Waters of the U.S. and State (including wetlands) (Waters), to map any trees regulated under the City of Rocklin Tree Ordinance, to map vegetation communities, and to assess the suitability of habitats on-site to support special-status species.

3.2.1 Certified Arborist Tree Inventory

Certified Arborist (Certification #WE-8666A) Daria Snider conducted an inventory of all native oak (*Quercus* species) trees with a Diameter at Breast Height (DBH) of 6" or greater within the Study Area. For each tree surveyed and tagged, Ms. Snider recorded the tree identification number, tree species, DBH, approximate dripline radius, and general health and structure. The location of each tree was recorded with a GPS unit capable of sub-meter accuracy (Arrow 100).

4.0 GENERAL SITE CONDITIONS AND HABITAT

This Study Area is located at an elevation of apprcximately 360 feet above MSL. The Study Area is a residential parcel, and the majority is comprised of a residence, a number of associated outbuildings, paved courtyards and driveways, a pool, and primarily irrigated landscaping. One of the outbuildings is a wooden structure on the eastern edge of the property that has fallen into disrepair. The area between a U-shaped driveway and Sierra College Boulevard is primarily unvegetated with the exception of scattered prostrate juniper shrubs. The majority of the landscaping trees and shrubs are non-native, although a number of native interior live oaks (*Quercus wislizenii*) are present. Some of the trees are quite large including several Italian stone pines (*Pinus pinea*) and mulberries (*Morus alba*). This actively maintained area is mapped as Developed (**Figure 2**). Annual grassland surrounds the developed area both within the Study Area and off-site. No aquatic resources are present within the Study Area.

4.1 Soils

According to the Natural Resources Conservation Service (NRCS) Soil Survey Database (NRCS 2020), two soil mapping units occur within the Study Area (**Figure 3**): (106) Andregg coarse sandy loam, 2 to 9% slopes and (107) Andregg coarse sandy loam, 9 to 15% slopes. Neither of the mapping units are derived from serpentine or gabbroic rock (NRCS 2020).

5.0 RESULTS

The habitat within the Study Area was compared to the list of species known to occur in the vicinity of the Project Area in **Table 3** of the BRA to generate a list of special-status species with potential to occur within the Study Area. **Table 1** is a list of special-status species with potential to occur, including their listing status. Note that as the site is primarily developed, with little native vegetation and no wetlands, the list of special-status species with potential to occur is relatively short. The following set of criteria was used to determine each species' potential for occurrence on the site:

- High: The site is within the known range of the species and suitable habitat exists.
- Moderate: The site is within the known range of the species and very limited suitable habitat exists.
- Low: The site is within the known range of the species and there is marginally suitable habitat or the species was not observed during protocol-level surveys conducted on-site.

Table 1. Special-Status Species with Potential to Occur within the Study Area

Special-Status Species	Federal Status	State Status	Potential for Occurrence
Wildlife			
Swainson's hawk (*Buteo swainsoni*)	-	CT	High
Northern harrier (*Circus cyaneus*)	-	CSC	Moderate
White-tailed kite (*Elanus leucurus*)	-	CFP	High
Loggerhead shrike (*Lanius ludovicianus*)	-	CSC	High
Pallid bat (*Antrozous pallidus*)	-	CSC, WBWG H	High
Silver-haired bat (*Lasionycteris noctivagans*)	-	WBWG M	High
Western red bat (*Lasiurus blossevillii*)	-	CSC, WBWG H	High
Hoary bat (*Lasiurus cinereus*)	-	WBWG M	High

CT – California Threatened, CSC - CDFW Species of Concern, WBWG H - Western Bat Working Group High Threat Rank, WBWG M - Western Bat Working Group Medium Threat Rank, CFP – CDFW Fully Protected Species.

Below is a discussion of the sensitive biological resources known or with potential to occur within the Study Area. More detailed information about each is available in the BRA.

5.1 Special-Status Species

A number of special-status birds have the potential to nest in the trees within the Study Area, including Swainson's hawk (*Buteo swainsoni*), white-tailed kite (*Elanus leucurus*) and loggerhead shrike (*Lanius ludovicianus*), as well as other more common birds protected by the Migratory Bird Treaty Act (MBTA). The annual grassland represents suitable foraging habitat for Swainson's hawk, northern harrier (*Circus cyaneus*), and white-tailed kite. Pallid bat (*Antrozous pallidus*) could roost in the shed on the eastern side of the property, and pallid bat, silver-haired bat (*Lasionycteris noctivagans*), western red bat (*Lasiurus blossevillii*), and hoary bat (*Lasiurus cinereus*) could roost in the trees.

5.2 Tree Inventory

All native oak trees with at least one trunk greater than 6" DBH were inventoried as detailed above in Section 3.2.1. Although quite a few interior live oak trees are present within the Study Area, only two have at least one trunk greater than 6" DBH. The data for these trees is presented below in Table 2, and the locations of the trees are shown on **Figure 4**.

Table 2. Tree Inventory Data

Tree No	Common Name	Scientific Name	DBH (inches)	Dripline Radius (feet)	Health	Structure	Notes
320	Interior live oak	*Quercus wislizenii*	9.6, 5.8, 4.1	18	Good	Poor	Two branches growing along the ground
321	Interior live oak	*Quercus wislizenii*	6.5	20	Good	Poor	Tree has substantial lean

6.0 IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES

This section details potential impacts to the sensitive biological resources discussed above associated with construction of the Project, as discussed in **Section 1.1** and shown in **Attachment A**.

6.1 Nesting Raptors and Songbirds

Swainson's hawk, white-tailed kite, and loggerhead shrike have the potential to nest within the Study Area, as do other more common bird species protected by the MBTA. If they were nesting on-site, removal of the nests would impact these species. Furthermore, birds nesting in avoided areas adjacent to construction could be disturbed by construction, which could result in nest abandonment.

6.2 Foraging Raptors

The annual brome grassland within the Study Area provides suitable foraging habitat for Swainson's hawk, white-tailed kite, northern harrier, and other more common raptors. Approximately 0.3 acre of suitable foraging habitat within the Study Area will be impacted during Project implementation.

6.3 Roosting Bats

The outbuilding and trees throughout the Study Areas are habitat for various special-status bat species. If special-status bats were roosting in the shed or trees to be removed by Project construction, they could be injured or killed during the removal.

6.4 Native Oak Trees

Two interior live oak trees that are of sufficient size to be regulated under the City of Rocklin Tree Ordinance occur within the Study Area and are expected to be removed during Project implementation.

7.0 MITIGATION FOR IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES

Mitigation measures for the impacts detailed in Section 6 were provided in the BRA. Mitigation for these impacts shall be conducted consistent with the Mitigation Measures provided in Sections 7.4, 7.5, 7.6, 7.7, and 7.8 of the BRA.

8.0 REFERENCES

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture (NRCS). 2020. *Web Soil Survey*. Available online at http://websoilsurvey.nrcs.usda.gov/.

U.S. Geological Survey (USGS). 2015. *"Rocklin, California"* 7.5-Minute Series Topographic Quadrangle Map. U. S. Geological Survey. Denver, Colorado.

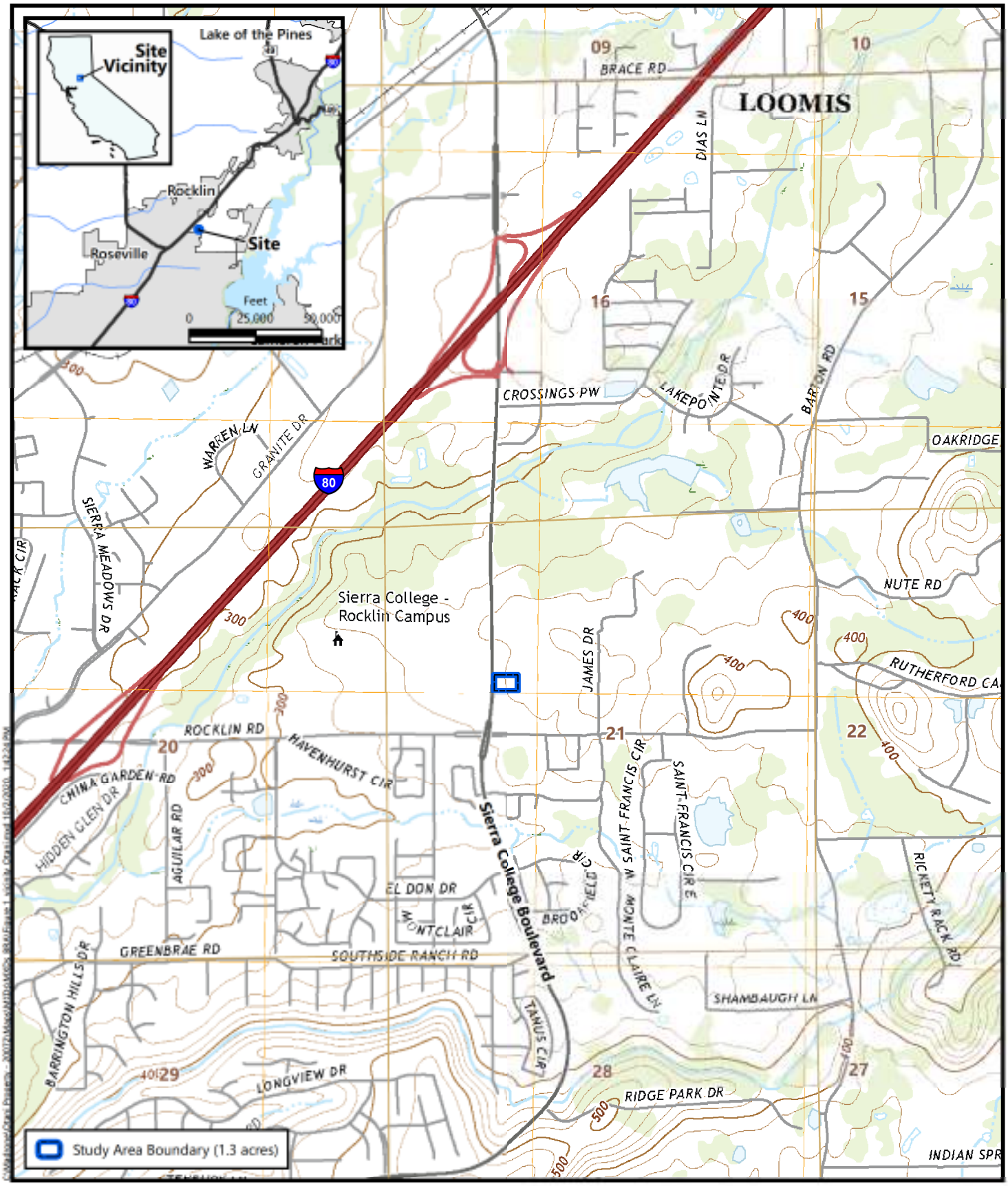
Figures

Figure 1. Site and Vicinity Map

Figure 2. Vegetation Communities Map

Figure 3. Natural Resources Conservation Service Soils

Figure 4. Tree Inventory Map



N

Feet
0 800 1,600

Source: United States Geologic Survey, 2018
"Rocklin, California" 7.5-Minute Topographic Quadrangle
Section 21, Township 12 North, Range 7 East, MDB&M
Longitude -121.205168, Latitude 38.790335

Figure 1
Vicinity Map

Otani Property
Rocklin, Placer County, California

MADRONE ECOLOGICAL CONSULTING



Figure 2
Vegetation Communities

Otani Property
Rocklin, Placer County, California

Note: Small sumation errors may occur due to rounding.
Aerial Source: City of Rocklin, 19 April 2018



Figure 3
Natural Resources Conservation Service Soils

Otani Property
Rocklin, Placer County, California

Soil Survey Source: *USDA, Soil Conservation Service*
Soil Survey Geographic (SSURGO) database for Placer County, California, Western Part
Aerial Source: City of Rocklin, 19 April 2018



Figure 4
Tree Survey

Otani Property
Rocklin, Placer County, California

Note: Small sumation errors may occur due to rounding.
Aerial Source: City of Rocklin, 19 April 2018